

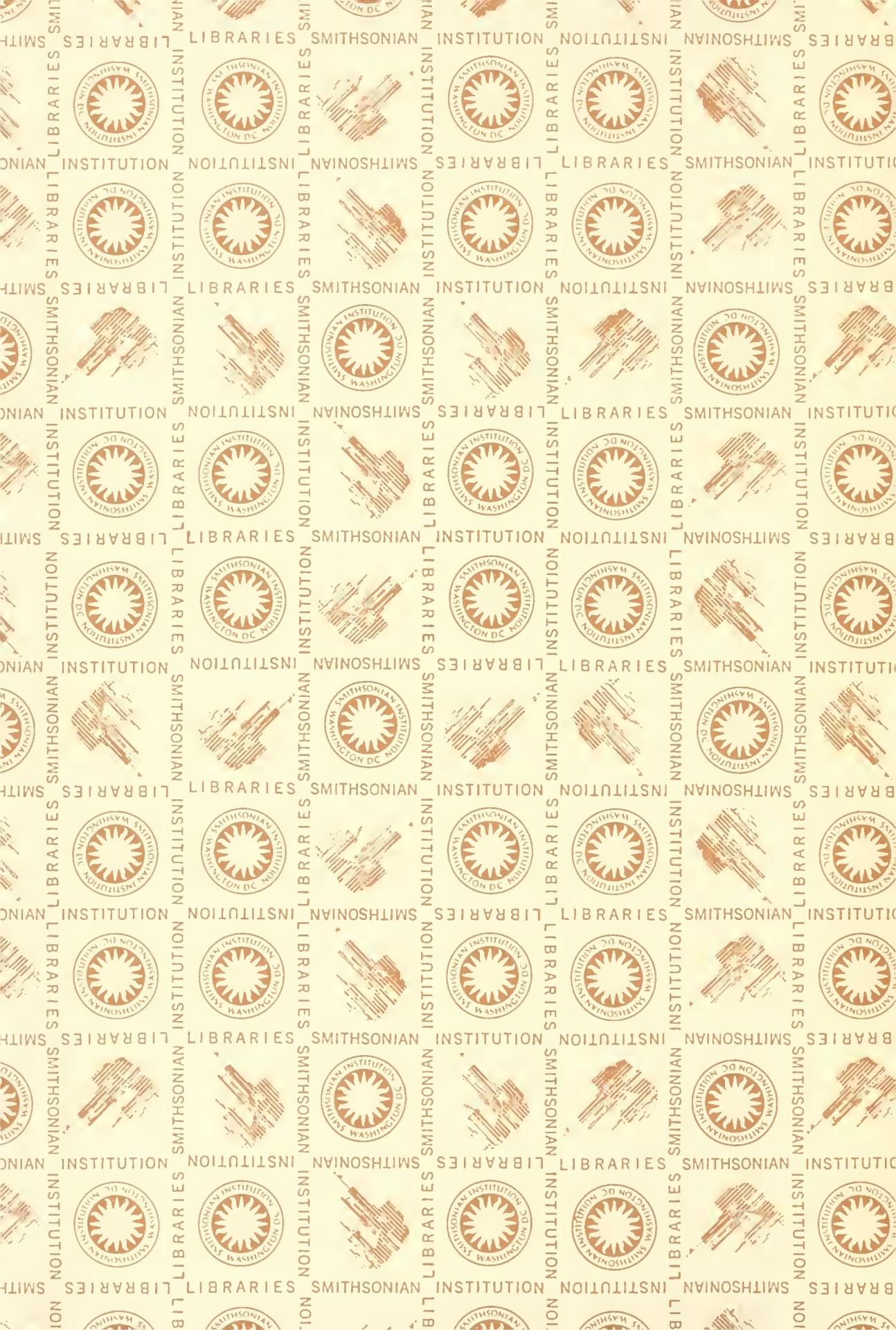
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7  
December, 1957  
FIFTH SUPPLEMENT  
1939 to 1947 (inclusive)

TO

THE LENG CATALOGUE

OF

COLEOPTERA

OF

AMERICA, NORTH OF MEXICO,

*By*

RICHARD E. AND RUTH M. BLACKWELDER

MOUNT VERNON, N. Y.  
JOHN D. SHERMAN, JR.  
OCTOBER  
1948

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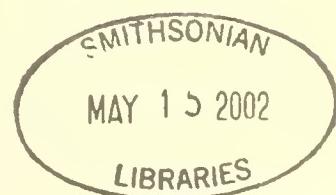
*U. S. National Museum*

MOUNT VERNON, N. Y.

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OCTOBER

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MOUNT VERNON

NEW YORK

PRINTED IN THE UNITED STATES OF AMERICA  
BY THE LANE PRESS, BURLINGTON, VERMONT

686163

## INTRODUCTION

This fifth supplement to the Leng Catalog of North American Coleoptera is offered by the compilers and by the publisher in lieu of the much desired new catalog. Many difficulties have continued to make it impossible to prepare a new edition of the catalog, and it is hoped that another supplement will be of some help in bringing the old catalog up to date.

The form of the fifth supplement is the same as that of the fourth. The remarks in the Introduction to the Fourth Supplement apply equally here. A list of signs and abbreviations appears on page 6 of the Fourth Supplement.

Grateful acknowledgment is made to more than 150 coleopterists who have checked preliminary lists of their publications and to the many who have sent in corrections and manuscript notes for inclusion in the text.

## SIGNS AND ABBREVIATIONS

- \* indicates a revision of the genus (or other group).
- \*\*\* indicates the end of a revision or of a subgenus.
- [ before locality indicates that it applies to line above.
- || indicates a preoccupied name.
- a. aberration.
- f. form.
- r. race.
- s. subspecies.
- v. variety.

# FIFTH SUPPLEMENT TO THE CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

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## ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1947

### CICINDELIDÆ

#### *Amblycheila*

*schwarzi* W.Horn 03-196

Cal.<sup>1</sup>

#### *Omus*

*subcylindricus* Nunen. 40-143  
*vanlooii* Nunen. 40-144

Cal.  
Cal.

#### *Cicindela*

*formosa* Say  
v.*manitoba* Leng  
*gibsoni* Brown 40-182<sup>3</sup>

Sask.<sup>2</sup>

*tranquebarica* Hbst.

s.*propinqua* Knaus 22-194<sup>4</sup>  
s.*inyo* Fall 17-106<sup>5</sup>  
s.*owena* Fall 17-106<sup>5</sup>

Nev. Cal.  
Cal.  
Cal.

*oregona* Lec.

s.*navajoensis* VanD. 47-155

Ariz.

*willistoni* Lec.

s.*amaragose* Dahl 39-221

Nev.<sup>6</sup> Cal.

*abdominalis* Fab.

v.*floridana* Cartw. 39-364

Fla.

*nevadica* Lec.

s.*tubensis* Cazier 39-23

N.M.<sup>7</sup> Ariz.

*allenii* Cazier 39-24

Tex.

*theatina* Rotger 44-76

Colo.

s.*nigripennis* Roesch. 07-165<sup>8</sup>  
s.*longipes* Csy. 97-339<sup>8</sup>  
s.*velutinus* Mén. 44-53<sup>8</sup>  
BRENNUS Mots. 65-311<sup>8</sup>  
johnsoni VanD. 24-3<sup>8</sup>  
NEOCYCHRUS Roeschke 07-[117<sup>9</sup>]  
angulatus (Harris) 39-200<sup>8</sup>  
s.*maritimus* VanD. 24-506<sup>8</sup>  
behrensi Roesch. 07-124<sup>8</sup>  
s.*malikini* VanD. 44-13  
longiceps VanD. 24-5<sup>8</sup>

Ore.  
Cal.  
Cal.

Wash.

[117<sup>9</sup>]

Ore. Wash.

Wash.

Cal.

Ore.

Cal.

#### *Carabus*<sup>9</sup>

TITANOCARABUS Breun. 33-  
truncaticollis Esch. 33-22 [729<sup>8</sup>]  
lutshnikianus Basil. 37-63<sup>8</sup>  
alaskensis Basil. 37-63<sup>8</sup>  
ARCHICARABUS Seidl. 87-6<sup>8</sup>  
taedatus Fab. 87-196<sup>10</sup>  
gladiator Mots. 65-285<sup>8</sup>  
canadicus Roeschke 00-68<sup>8</sup>  
canadensis Lapouge 08-19<sup>8</sup>  
bicanaliceps Csy. 20-154<sup>8</sup>  
s.tuedatus (s.str.)  
baccivorus Fisch. 20-87<sup>8</sup>  
seriatius Wied. 21-109<sup>8</sup>  
s. vancouvericus Csiki 27-286<sup>11</sup>  
bicolor Walk. 66-313<sup>8 11</sup> Wash.  
s.rainieri VanD. 44-108 [Alas.  
s.franciscanus Csy. 13-58 Cal.  
s.oregonensis Lec. 54-16 B.C.-Ariz.  
montanicus Csy. 13-58<sup>8</sup>  
stocktoniensis VanD. 44-111  
stocktonensis Csy. 20-155<sup>8</sup>  
s.agassizi Lec. 50-209 Alb.-Mont.  
agassizi VanD. 44-112

Alas.

Wash.

Wash.

Cal.

B.C.-Ariz.

Alas.

Wash.

Cal.

B.C.-Ariz.

Alas.

Wash.

Cal.

Alb.-Mont.

Alb.-Mont.

<sup>7</sup> Rotger—44.

<sup>8</sup> Van Dyke—44.

<sup>9</sup> Key to species, Van Dyke—44.

<sup>10</sup> Key to subspecies, Van Dyke—44.

<sup>11</sup> Placed as synonym of *taedatus* by Pratt—40.

### CARABIDÆ

#### *Scaphinotus*

STENOCANTHARIS Gistel 57-[92<sup>8</sup>]

angusticollis (Mannh.) 24-46

w.N.A.

s.*olympiae* VanD. 44-5

Wash.

<sup>1</sup> Cazier—39.

<sup>2</sup> Brown—40.

<sup>3</sup> Dahl—42.

<sup>4</sup> Previously listed as var. of *denverensis*; Cazier—39.

<sup>5</sup> Previously listed as var. of *vibex*; Cazier—39.

<sup>6</sup> Dahl—40.

s.patulicollis Csy.	13-57	Colo.	
coloradensis Breun.	33-719 <sup>8</sup>	TANAOCARABUS Rtt.	96-135 <sup>8</sup>
sylvosus Say 25-75			
s.sylvosus (s.str.)	Mass.-Ala.-Mo.		
s.lherminieri Dej.	26-151	N.A.	
s.finitimus Hald.	52-373	Okla. Tex.	
lecontei Csy.	13-57 <sup>8</sup>		
caseyi Ang.	11-75 <sup>8</sup>		
forreri Bates	82-320	Ariz. Mex.	
townsendi Csy.	05-160 <sup>8</sup>		
HEMICARABUS Geh.			
serratus Say	25-77	Nfld.-Ga.-Man.-N.M.	
s.serratus (s.str.)	lineatopunctatus Dej.	26-77 <sup>8</sup>	
ligatus Kby.	37-18 (not Germ.) <sup>8</sup>		
canadensis Lec.	53-10 <sup>8</sup>		
s.tatumi Mots.	65-293	Newf.-Me.-B.C.	
s.vegasensis Csy.	13-59	N.M.	
vgasensis VanD.	44-122		
LICHNOCARABUS Rtt.			
limbatus Say	25-71	96-161 <sup>8</sup>	
goryi Dej.	31-541 <sup>8</sup>		
vinetus Weber	01-42		
s.vinetus (s.str.)	Can.-Ga.		
ligatus Germ.	24-6 <sup>8</sup>		
interruptus Say	25-76 <sup>8</sup>		
carinatus Dej.	26-79 <sup>8</sup>		
s.georgiae Csiki	27-185	Ga.-Fla.	
CARABUS (s.str.) <sup>8</sup>			
granulatus L.	58-413	N.S.-Mass.-B.C.	
		[Eur.]	
Calosoma			
(Callisthenes auct., not Fisch.)	12		
lariversi VanD.	43-17	Nev.	
zimmermanni Lee	49-445		
zimmermani VanD.	43-19		
s.tahoensis VanD.	43-18		
Cal.			
Elaphrus			
torreyensis Tanner	41-137	Utah	
Blethisa			
catenaria Brown	44-4	Man.	
Nebrria			
coloradensis VanD.	43-19	Colo.	
zioni VanD.	43-20	Utah	
* NEONEBRRIA Hatch	39-46 <sup>13</sup>		
(Nebria of Ganglb., not Latr.) <sup>13</sup>			
hudsonica Lec.	63-3	Sask.-N.M.-Wash.-[Y.T.]	
vandykei Binn.	28-5	Ore.	
trifaria VanD.	in part <sup>13</sup>		
gebleri Dej.	31-573	Alb. Mont. Ida. Ore.	
mcanyi VanD.	25-118	Wash.	
metallica Fisch.	21-71	Alas.-Wash.-Mont.	
schwarzi VanD.	25-116	Alb.	
piperi VanD.	25-117	B.C. Wash.	
purpurata Lec.	78-477	Mont. Ida.	
labradorica Csy.	20-151	Alb. Mont. B.C.	
crassicornis VanD.	25-121	Wash.	
bifaria Mannh.	53-128	Alas.-Mack. Sib.	
viridis Horn			
v.parvula Sahlb.	87-471 <sup>13</sup>	Ore. Alas. Sib.	
v.reducta Csy.	20-150 <sup>13</sup>	Alas.	
virescens Horn	70-100	Ore. Ida. Cal.	
brevis Csy.	13-55 <sup>13</sup>		
sahlbergi Fisch.	21-254	Colo. L.Sup.	
gregaria Fisch.	21-72	Alas.	
aleuta VanD.	24-5	Alas.	
mannerheimi Fisch.	21-253	Ore.	
eschscholtzi Mén.	44-55	Cal.-B.C.	
tenuipes Csy.	13-51 <sup>13</sup>		
transversa Csy.	20-152 <sup>13</sup>		
hippusleyi Csy.	24-21 <sup>13</sup>		
formalis Csy.	20-153 <sup>13</sup>		
diversa Lec.	63-2	Cal. B.C.	
obtusa Lec.	78-478	Wash. Alb. Mont.	
NEBRIOLA Dan. <sup>13</sup>			
kincaidi Schw.	00-525	Alas.-Ore.	
paradisi Darl.	31-24	B.C.-Ore.	
columbiana VanD.	26-9 <sup>13</sup>		
Dyschirius			
arizonicus VanD.	43-22	Ariz.	
Bembidion			
roosevelti Pic	02-71	Cal.	
blaisdelli Csy.	18-222 <sup>14</sup>		
concinnum Blais.	02-78 <sup>14</sup>		
perconcinnum Blais.	04-349 <sup>14</sup>		
nebrascense Lec.	63-19 <sup>13</sup>		
Tachyura			
barnesi Stehr	46-284	Ohio	
Stomis Schell.			
06-46			
puinicatus (Panz.)	95-60	Que. 15	
Trechus			
humboldti VanD.	45-101	Cal.	
Feronia Latr.			
17-191 <sup>18</sup>			
Pterostichus Bon.	09-?	16 <sup>18</sup>	
Pterostichus Lins. & Mich.	43-75		
*	FERONINA Csy.	18-365 <sup>17</sup>	
humidula VanD.	43-23	Wash. Ore.	
pacifica VanD.	26-114		
(not Poppius, 1906)			
lanei VanD.	25-76	Wash. Ida.	
palmi Schffr.	10-393	N.C.	
CRYOBIUS Chaud.			
Blaisdelli VanD.	43-24	Alas.	
*	*	*	
ater Lec.	19	Cal.	
Evarthrus Lec.			
52-225 <sup>20</sup>			
*	ANAFERONIA Csy.	18-341 <sup>20</sup>	
constrictus (Say)	23-147	Kan. Ark.	
v.ovipennis Lec.	48-345 <sup>20</sup>	N.M. Mex.	
[CYCLOTRACHIELUS Chaud.			
[basesellus Csiki	30-671	[38-27] <sup>20</sup>	
[constrictus Bates	82-80) <sup>20</sup>	C.A.]	
EUMOLOPS Csy.	18-350 <sup>20</sup>		
heros (Say)	23-145	Ark. Tex.	
oijus Csy.	18-350 <sup>20</sup>		

<sup>8</sup> Van Dyke 44.

<sup>12</sup> All American species transferred to *Calosoma*, by Van Dyke—43.

13 Hatch-39.  
14 Gable-39.

14 Csiki—28.  
15 Darlington

15 Darlington—40.  
16 Van Dyke—43.

18 Van Dyke—43.

<sup>17</sup> Revision of subgenus, Van Dyke 43.

<sup>18</sup> Should be replaced by Platysma Sam. 19-151.  
Hatch 39.

Hatch 39.

<sup>14</sup> Linsley & Michener, 43; apparently refers to *Holciophorus ater* Dej.

Holochlorophis atei Dej.  
20 Revision of genus, Van D

Revision of genus, Van Dyke 15.

	FERESTRÍA Leng 15-576 <sup>20</sup>
taurus Vand.	43-25
hernandensis Vand.	43-26
<b>Loxandrus</b>	
duryi Wright	39-257
<b>Amara</b>	
AMARA s.str.	
familiaris Duft.	12-119
familia Malkin	41-284
ACRODON Zimm.	32-40
exlinæ Minsk & Hatch	39-215
PSEUDOTRIÄNA	Minsk, &
glabrata M. & H.	[Hatch] 39-216
alaxnoquia M. & H.	Wash.
atrichata M. & H.	Utah
ZEZEA Csiki	29-104
kincaidi M. & H.	Wash.
<b>Rhadine</b>	
ozarkensis Sandn. & Mill.	41-39
AGONINI <sup>20</sup>	
<b>Agonum</b>	
PSEUDANCHUS Csy.	
bjorkmanae Gray & Hatch	41-16
PUNCTAGONUM Gray	37-311
belleri Hatch	33-120
EUROPHILUS Chaud.	
lanellum Gray	37-310
RHADINE Lec.	
lanei Gray	37-310
balesi Gray	37-310
* * *	
<b>Zuphium</b>	
americanum Dej.	31-298
	Mich., Kan., La. [Ore.] <sup>21</sup>
<b>Zaeotus</b>	
fredericki Nunen.	44-12
<b>Stenomorphus</b>	
rossi Vand.	43-29
<b>Aeupalpus</b>	
meridianus L.	Eur. Wash. <sup>22</sup>
<b>Pseudomorpha</b>	
parallela Vand.	43-30

## OMOPHRONIDÆ

<b>Omophron</b> Latr.	04-278
(Homophron Fisch.)	28-256) <sup>23</sup>
tanneri (Chndl.)	41-100
s.proximum (Chndl.)	41-102

HALIPLIDÆ <sup>24</sup>

<b>Apteraliplus</b> Chandl.	43-154
parvulus Rbts.	13-94 <sup>25</sup>
	Cal.
<sup>20*</sup> Key to Washington genera and subgenera.	
Gray—37 and Gray & Hatch—41.	
<sup>21</sup> Malkin—43.	
<sup>22</sup> Hatch—46.	
<sup>23</sup> Used by Chandler—41.	
<sup>24</sup> Key to genera, Chandler—43.	
<sup>25</sup> Transferred from Brychius, Chandler—43.	

<b>Haliplus</b>	
concolor Lec. (not concolor) <sup>26</sup>	
falli Mank	40-57
HALIPLUS s.str.	Man.
wallisi Hatch	44-45
	Wash.

## DYTISCIDÆ

<b>Canthhydrus</b>	
bicolor (Say)	31-5 (not 34-446) <sup>20</sup>
<b>Laeophilus</b>	
decipiens	
truncatus Mannh.	53-160 (not 53- [68]) <sup>26</sup>
horni Vd.Br.	85-21 (not 84-21) <sup>26</sup>
biguttatus Kby.	37-69
inconspicuus Fall	17-164 <sup>27</sup>
shermani Leech	44-4
	Ariz. Tex.

<b>Bidessus</b>	
4-pustulatus Fall	17-166 (not 17-167) <sup>26</sup>
rogersi Young	41-29
falli Young	40-30
	Fla.

<b>Bidessonotus</b> Reg.	95-331 <sup>28</sup>
* longovalis (Blatch.)	19-310 <sup>29</sup>
inconspicuus (Lec.)	55-294 <sup>29</sup>
pulicarius (Aube)	38-494 <sup>29</sup>
subsericeus (Blatch.)	19-311 <sup>29</sup>

<b>Hygrotus</b>	
CŒLAMBUS Thoms.	60-13 <sup>27</sup>
masculinus Cr.	B.C. <sup>30</sup>
impressopunctatus (Sch.)	
v lineellus (Gyll.)	08-529 (not Gellerman medialis (Lec.) [28-64]) <sup>26</sup>
infacetus Clark	62-180 <sup>27</sup>
sayi B-B.	44-347
punctatus Say	24-271 <sup>27</sup>
* * *	
fraternus Lech.	52-209
	L.Cal. <sup>31</sup>

<b>Deronectes</b>	
pulcher (Mots.)	59-163 (not 59-363) <sup>26</sup>
spenceri Leech	45-105
titulus Leech	45-106
grammicus Shp.	87-754
doferosus Leech	45-109
addenda Cr.	73-393
funerea Cr.	73-392
	Cal.
	L.Cal. <sup>31</sup>
	L.Cal. <sup>31</sup>

<b>Hydroporus</b>	
rossi Leech	41-129
bidessooides Leech	41-130
transpunctatus Chndl.	41-103
floridanus Young	40-198
	Cal.
	Tex.
	Mex. N.M. <sup>32</sup>
	Cal.
	L.Cal. <sup>31</sup>
	L.Cal. <sup>31</sup>
	Cal.
	Utah
	Fla.

<b>HYDROPODUS</b> s.str.	
mannerheimi B-B.	44-349
humeralis Aubé	38-578 <sup>27</sup>
superioris B-B.	44-349
sericeus Lec.	50-214 <sup>27</sup>
OREODYTES Seidl.	87-57
productotruncatus Hatch	44-46
	B.C.

<sup>26</sup> Leech in litt.<sup>27</sup> Balfour-Browne—44.<sup>28</sup> Revision, Balfour-Browne—47.<sup>29</sup> Transferred from Bidessus, Balfour-Browne—47.<sup>30</sup> Lac la Hache, British Columbia; Leech in litt.<sup>31</sup> Leech—44.<sup>32</sup> Leech—45.

## GYRINIDÆ

AGABINI<sup>33</sup>Agabus<sup>34</sup>

- ERICLENUS Thoms. 60-55  
*(Apator* Sem. 99-512)<sup>37</sup>  
 \* \* \*
- erichsoni G. & H. Mont.<sup>32</sup>  
*confertus* Mank 34-75<sup>32</sup>  
*confertus* Lee. Ida.<sup>32</sup>  
*nectris* Leech 42 133 Alb. Mont. B.C.  
*obliteratus* Hatch 33-10 (part)<sup>32</sup>  
*strigulosus* (Cr.) Mont.<sup>32</sup>  
*obliteratus* Hatch 33-10 (part)<sup>32</sup>  
*hoppingi* Leech 42-135 Cal.  
*obliteratus* Lee.<sup>35</sup> Colo. Utah. Nev. Cal.  
*regularis* Lee. 52-203 L.Cal.<sup>31</sup>  
*bjorkmanae* Hatch 39-104 Alb.-B.C.-Ore.  
*rectus* Lee. 69-375<sup>36</sup>  
*cordatus* Lee. N.M.-Ariz.-Mont.-Wash.<sup>36</sup>  
*seriatius* Say 23-97  
*striatus* Aubé 38-305<sup>37</sup>  
*arctus* Melsh. 44-27<sup>37</sup>  
*parallelus* Lee. 50-213<sup>37</sup>  
*s.seriatus* s.str.  
*s.intersectus* Cr. 73-419<sup>37</sup>  
*lutosus* Lee. 53-31 (not Croteh, 1873)<sup>37</sup>  
*discolor* Lee. 52-204<sup>37</sup>  
 (not Harris, 1828)  
*lecontei* Cr. 73-417<sup>37</sup>  
*s.lutosus* s.str.<sup>37</sup> Cal.-B.C.-Nev.  
*s.mimus* Leech 42-132 Wash. B.C.  
*pandurus* Leech 42-128 Cal.  
*brevicollis* Shp. 82-503  
 (not Leconte, 1857)  
*vandykei* Leech 42-129 Cal.  
*aeruginosus* Aubé 38-298  
*dispositus* Guignot 36-186<sup>38</sup>  
*elongatus* Gyll. 27-381 Yukon  
*bryanti* Carr. 30-278<sup>39</sup>  
*antennatus* Leech 39-217  
*clavatus* Lee. 59-4<sup>39</sup>  
 (not Latreille, 1804)  
*moestus* Curt. 35-lx  
*nigripalpis* Sahlb. 80-56<sup>39</sup>  
*borealis* Shp. 82-513<sup>39</sup>  
*erichsoni* G. & H. 68-454  
*nigro-aneus* Er. 37-157<sup>39</sup>  
 (not Marsham 02-428)  
*velox* Leech 39-219 Man.  
*clavigornis* Shp. 82-536  
*verus* Brown 31-115<sup>26\*</sup>

Gaurodites<sup>40</sup>

- LACCORNIS des Gozis 14-111<sup>41</sup>  
 \* (*Agaporus* Zimm. 19-147)<sup>42</sup>  
*pacificus* (Leech) 40-123 B.C.  
*conoideus* (Lee.) 50-216<sup>43</sup> Mass.-Wis. Can.
- <sup>26</sup> Leech in litt.  
<sup>26\*</sup> J. Balfour-Browne—47.  
<sup>27</sup> Balfour-Browne—44.  
<sup>31</sup> Leech—44.  
<sup>32</sup> Leech—45.  
<sup>33</sup> Key to genera, Leech—42.  
<sup>34</sup> Classification of subgenera, Guignot—36.  
<sup>35</sup> Restricted by Leech—42.  
<sup>36</sup> Hatch—39.  
<sup>37</sup> Leech—42.  
<sup>38</sup> Guignot in litt., Leech—42.  
<sup>39</sup> Leech—39.  
<sup>40</sup> Revision of palearctic subgenera and species, Zimmermann—34.  
<sup>41</sup> Key to species, Leech—40.

latens (Fall) 37-10 Mass.-N.Y. N.H. Que.  
*difformis* (Lee.) 55-298<sup>43</sup> Mass.-Ga.-Ind.  
*deltoides* (Fall) 23-123 III.

Hybiosoma<sup>43a</sup>

- regularis* (Lee.)  
*oblongum* (Mots.) 59-169 (not 59-  
 [369])<sup>26</sup>

Hybius Er. 32-34<sup>44</sup>

- churchillensis* Wallis 39-195 Man.  
 [ater Degeer] not N.A.)<sup>44</sup>

## Copelatus

- chevrolati* Aubé 38-389 L.Cal.<sup>31</sup>

Matus<sup>45</sup>

- ovatus* Leech 41-79 Mass.-Md.-Ill.-Ont.  
*s.blatchleyi* Leech 41-82 Fla. Ga. Ala.

## Neoscutopterus B-B. 43-172

- \* *angustus* (Lee.)<sup>46</sup>  
*horni* (Cr.)<sup>46</sup>

## Dytiscus

- ooligbucki* Kby. 37-74  
*alaskanus* B-B. 44-356<sup>26\*</sup>  
*parvulus* Mots. 52-77<sup>26\*</sup> 27

## Hydaticus

- bimarginatus* Say 31-5 L.Cal.<sup>31</sup>

## Thermonetus Dej. 33-53

- Thermonectus* Dej. 36-61<sup>47</sup>  
*Thermonectus* Melsh. 44-26

- Thermonectes* Cr. 73-402  
*basillaris* Harris 29-1 (not *basilaris* 29-8)<sup>31</sup>

Graphoderus Dej. 33-54<sup>48 49</sup>

- fasciatocollis* Harris 28-156<sup>50</sup>

- cinerous* of authors (not L.)<sup>50</sup>

- perplexus* Shp. 82-695<sup>50</sup>

- elatus* Shp.<sup>50</sup>

- cinerous* Horn (not L.)<sup>50</sup>

- zonatus* of authors (not Hoppe)<sup>50</sup>

- cinerous* (L.)

- ? *fascicollis* (Harris) 28-156<sup>51</sup>

- ? *fasciatocollis* of authors<sup>51</sup>

## GYRINIDÆ

Enhydrinae<sup>54</sup>DINEUTINI<sup>54</sup>

## Dineutus MacLeay 25-30

- (*Dineutes* of authors)<sup>42</sup> 52

- solitarius* Aubé 38-780

- Cal.<sup>42</sup> C.A.<sup>53</sup>

<sup>42</sup> Leech—40.

<sup>43</sup> Transferred from *Hydroporus*, Leech—40.

<sup>43a</sup> Treated as subgenus of *Agabus* by Guignot —36.

<sup>44</sup> Key to species, Wallis—39.

<sup>45</sup> Key to species, Leech—41.

<sup>46</sup> Transferred from *Scutopterus*, Balfour-Browne —43.

<sup>47</sup> Considered the proper form by Leech—41.

<sup>48</sup> Credited to Aubé 38-156 by Wallis—39.

<sup>49</sup> Key to species, Wallis—39.

<sup>50</sup> Wallis—39.

<sup>51</sup> Leech in litt.

<sup>52</sup> This spelling used by Balfour-Browne—45.

<sup>53</sup> Blackwelder—44.

<sup>54</sup> Generic revision, Balfour-Browne—45.

americanus Say 23-107 (not 26-107) <sup>51</sup>		
emarginatus Say 23-108 (not 26-108) <sup>51</sup>		
s.floridensis Ochs 29-125	Fla.	
s.mutchleri Ochs 24-3	Bahamas	
CYCLINUS Kby. 37-78 <sup>54</sup>		
americanus (L.) 88-?		
assimilis (Kby.) 37-78 <sup>64</sup>		
<b>Gyrininae<sup>54</sup></b>		
<b>Gyrinus</b>		
GYRINULUS Zaitzev 07-238 <sup>54</sup>		
minutus F.		
OREOGYRINUS Ochs 35-124 <sup>64</sup>		
parcus Say	* * *	
limbatus Say 23-109 (not 25-109) <sup>51</sup>		
plicifer Lec.		
?lateralis Aubé 38-673 (not 38-773) <sup>51</sup>		
analis Say 23-108 (not 25-108) <sup>51</sup>		
opacus		
v.blairi Omer-Cooper (not Omar	[Cooper] <sup>51</sup>	
pectoralis Lec. 68-370	B.C. <sup>55</sup>	
floridensis Ochs 29-123 <sup>51</sup>	Fla.	
<b>Oretochilinae<sup>54</sup></b>		
<b>Gyretes</b>		
iricolor Young 47-31	Fla.	
<b>HYDROPHILIDÆ</b>		
<b>Ochthebius</b>		
insulanus Brown 31-116	Vanc.J. B.C. <sup>51</sup>	
interruptus Lec. 52-210 (not 51-21) <sup>51</sup>		
[L. Cal. <sup>51</sup>		
<b>Hydraena</b>		
needhami (d' Orch.) 29-79 <sup>56</sup>	N.Y.	
<b>Helophorus</b>		
inquinatus Mannh. 52-343 (not 52-243) <sup>51</sup>		
lecontei Knisch 24-88	Cal. L.Cal. <sup>57</sup>	
obscurus Lec. 51-210 <sup>57</sup>		
needhami d' Orch. <sup>58</sup>		
<b>Epimetopus</b>		
thermarum S. & B. 18-130 (not 17-130) <sup>51</sup>		
<b>Hydrochus</b> Leach 17-90 (not 17-190) <sup>51</sup>		
<b>Hemiosus</b>		
exilis Lec. <sup>59</sup>		
<b>Berosus</b> <sup>60</sup>		
exilis Lec. <sup>61</sup>		
mørens Shp.	Tex. <sup>62</sup>	
<b>Hydrophilus</b>		
castus Say 31-170 (not 35-170) <sup>51</sup>		
<sup>55</sup> Leech—42.		
<sup>56</sup> Transferred from Helophorus, Leech in litt.		
<sup>57</sup> Leech—44.		
<sup>58</sup> In error, see Hydræna; Leech in litt.		
<sup>59</sup> Belongs in Berosus, Leech—43.		
<sup>60</sup> Synonymy in 4th suppl. from d'Orch.—33 (not —34), Leech in litt.		
<sup>61</sup> Transferred in error to Hemiosus, Leech—43.		
<sup>62</sup> Leech—43.		
<b>Tropisternus</b>		
PRISTOTERNUS d'Orch. 36-311		
(Cyphostethus d'Orch. 19-160) <sup>63</sup>		
quadristriatus (Lec.) 71-331 <sup>65 66</sup>	N.A.	
glaber Dej. <sup>64</sup>		
sublaevis (Lec.) 55-368	Mass.	
xanthopus Shp. 82-59 <sup>64</sup>		
glaber (Hbst.) 97-298	Ill.Can.	
sublaevis d'Orch. 22-15 <sup>64</sup>		
natator d'Orch. 38-436	(N.A.)	
glaber (Lec.) (not Hbst.) <sup>64</sup>		
glaber (Shp.) (not Hbst.) <sup>64</sup>		
modestus d'Orch. 38-437	N.Y. N.J. Tex.	
salsamentus Fall 01-214	Cal.	
californicus Mots. 59-175 <sup>67 68</sup>		
(not Leconte, 1855)		
orvus Leech 45-183	Nev.Cal.Ore.	
californicus (Lec.) 55-367	Cal.-B.C.	
caligans d'Orch. 41-3 <sup>68</sup>		
columbianus Brown 31-117 <sup>69</sup>		
californicus d'Orch. 41-2 <sup>68</sup>		
<b>Crenitis</b>		
maculifrons Brown 40-183	B.C.	
<b>Enochrus</b> <sup>60</sup>		
consortus Green 46-61	Mass.-N.J.-Ill.-	
	[Minn.]	
<b>Chætarthria</b> Steph. 33-22 (not 32-401) <sup>57</sup>		
<b>Phænonotum</b>		
exstriatus Say 35-171	Md.-Fla.-Ind.-Tex.	
estriatum Lec. 53-36 <sup>57</sup>		
<b>Sphaeridium</b> Fab.		
SPHÆRIDIJUM s.str.		
lunatum F.	N.Y.-Colo.-B.C. <sup>70</sup>	
scarabæoides L. 58-356	N.H.-Ariz.-Cal.-	
	[I.B.C. <sup>70</sup>	
SPHÆRIDIOLINUS Menozzi		
	[21-53 <sup>70</sup>	
bipustulatum Fab. 81-78	Eur. N.Y.-	
	[Wash. <sup>70</sup>	
a.quadrivaculatum Marsh. 02-66		
	[Mich. Wash. <sup>70</sup>	
a.humerale Westh.	Mich. <sup>70</sup>	
a.marginatum Fab.	Mich. <sup>70</sup>	
<b>Cereyon</b>		
terminatum Marsh.		
2884 = (not 2484 =) <sup>51</sup>		
falli Winters 44-95	N.J.-B.C.	
analisis of Fall <sup>69a</sup>		
analisis (Payk.)	N.J. <sup>69a</sup> Eur.	
<b>Megasternum</b>		
boletophagum Marsh. 02-72	Wash. <sup>70</sup> Eur.	
pugetense Hatch 46-79	Wash.	
<b>SILPHIDÆ</b>		
<b>Nicrophorini</b>		
<b>Nicrophorus</b>		
	NECROPTER Sem.	
<sup>63</sup> d'Orchymont—36.		
<sup>64</sup> d'Orchymont—38.		
<sup>65</sup> Error for Horn 71—331.		
<sup>66</sup> Listed as distinct by d'Orchymont—38.		
<sup>67</sup> d'Orchymont—41.		
<sup>68</sup> Leech—45.		
<sup>69</sup> Listed as synonym of californicus by d'Orchymont—41.		
<sup>69a</sup> Winters—44.		
<sup>70</sup> Hatch—46.		

<i>vespilloides</i> Hbst. <sup>71</sup>		<i>marginatus</i> Fab.
<i>defodiens</i> Port. & Hatch		<i>requisitor</i> Gistel
v. <i>vespilloides</i> s.str.		<i>montezumae</i> Matth.
<i>pygmaeus</i> Kby.		<i>a.cordiger</i> Port.
<i>hebes</i> Kby.		<i>a.sanjuanæ</i> Hatch
<i>humeralis</i> Hatch		<i>a.engelhardti</i> Hatch
<i>a.ruber</i> Hatch		<i>a.leachi</i> Hatch
<i>a.nearcticus</i> Hatch 40-234		<i>vespilloides</i> Hbst.
<i>defodiens</i> Port. & Hatch (part)		<i>mortuorum</i> Fab.
<i>a.nicolayi</i> Hatch		<i>fractus</i> Port.
<i>a.oregonensis</i> Hatch		<i>a.andrewesi</i> Port.
<i>s.defodiens</i> Mannh.		<i>a.aurora</i> Mots.
<i>nunenmacheri</i> Leech		<i>hebes</i> Kby.
<i>nunenmacheri</i> Hatch 40-234		<i>pygmaeus</i> Kby.
<i>a.binotoides</i> Hatch 40-234		<i>vespilloides</i> Lec. (not Hbst.)
<i>binotatus</i> Hatch (not Port.)		<i>defodiens</i> Mannh.
<i>a.conversator</i> Walk.		<i>disjunctus</i> Wil.-Ellis
<i>defodiens</i> var. b. Mannh.		<i>a.humeralis</i> Hatch
<i>lateralis</i> Port.		<i>a.tristis</i> Port.
<i>a.pacificæ</i> Hatch		<i>a.steinfeldi</i> Smirnov
<i>a.gaigei</i> Hatch		<i>a.maculatus</i> Wil.-Ellis
<i>a.walkeri</i> Hatch 40-234		<i>a.altumi</i> Westh.
<i>conversator</i> Port. & Hatch (not Walk.)		<i>a.subfasciatus</i> Port.
<i>a.kadjakensis</i> Port.		<i>a.subinterruptus</i> Pic
<i>a.mannerheimi</i> Port.		<i>v.borealis</i> Port.
<i>a.binotatus</i> Port.		<i>v.sylvaticus</i> Reitt.
<i>investigator</i> Zett.		<i>a.sylvivagus</i> Reitt.
<i>s.nigritus</i> Mannh.	Wash. <sup>72</sup>	<i>a.ruber</i> Hatch
<i>s.guttulus</i> Mots.		<i>a.nearticus</i> Hatch
<i>a.woodgatei</i> Hatch	Wash. <sup>72</sup>	<i>a.nicolayi</i> Hatch
<i>a.vandykei</i> Angell	Wash. <sup>72</sup>	<i>a.oregonensis</i> Hatch
* * *		<i>s.defodiens</i> Mannh.
<i>NICROPHORINI</i> <sup>73</sup>		<i>nunenmacheri</i> Hatch (not Port.)
<b>Nicrophorus</b> Fab.		<i>a.binotoides</i> Hatch
<i>NECROCHARIS</i> Port.		<i>binotatus</i> Hatch (not Port.)
<i>carolinus</i> Fab.		<i>a.conversator</i> Walk.
<i>mediatus</i> Fab.		<i>defodiens</i> var. b. Mannh.
<i>a.mysticallis</i> Ang.		<i>lateralis</i> Port.
<i>a.scapulatus</i> Port.		<i>pollinctor</i> Lec. (not Mannh.)
<i>a.dolosus</i> Port.		<i>a.pacificæ</i> Hatch
<i>a.floridæ</i> Hatch		<i>a.walkeri</i> Hatch
<i>a.krautwurini</i> Hatch		<i>conversator</i> Port. (not Walk.)
<i>a.lunulatus</i> Hatch		<i>a.gaigei</i> Hatch
<i>a.nebraskae</i> Hatch		<i>a.kadjakenis</i> Port.
<i>NICROPHORUS</i> s.str.		<i>a.mannerheimi</i> Port.
<i>orbicollis</i> Say		<i>a.binotatus</i> Port.
<i>halli</i> Kby.		<i>plagiatus</i> Mots.
<i>quadrifasciatus</i> Cast.		<i>vespillo</i> L.
<i>humator</i> Fab.		<i>vulgaris</i> Fab.
<i>sulcatus</i> Fisch.		<i>cadaverinus</i> Grav.
<i>grandior</i> Ang. (part)		<i>curvipes</i> Duft.
<i>v.atricornis</i> Meier		<i>a.faureli</i> Fauc.
<i>a.maculosus</i> Meier		<i>a.varendorfii</i> Westh.
<i>a.rubropleuralis</i> Delah.		<i>a.bolsmanni</i> Westh.
<i>delahoni</i> Schilsky MS		<i>a.aethiops</i> Schleich.
<i>a.signiceps</i> Delah.		<i>a.minor</i> Westh.
<i>s.tenuipes</i> Lewis		<i>a.germani</i> Hatch
<i>sayi</i> Cast.		<i>americanus</i> Oliv.
<i>lumulatus</i> Gistel		<i>grandis</i> Fab.
<i>lunatus</i> Lec.		<i>virginicus</i> Frol.
<i>luniger</i> G. & H.		<i>melheimeri</i> Kby.
		<i>hybridus</i> Hatch & Ang.
		<i>v.minesotianus</i> Hatch
		<i>nigritus</i> Mannh.
		<i>v.ruficornis</i> Mots.

<sup>71</sup> Revision by Hatch—40.<sup>72</sup> Hatch—40.<sup>73</sup> Revision by Arnett—44. (Numerous misspellings are copied from this work.)

- pustulatus Hers.  
*bicolor* Newm.  
*tardus* Mannh.  
*a.coloradensis* Hatch  
*a.noveboracensis* Hatch  
*a.fasciatus* Port.  
*a.unicolor* Port.  
*investigator* Zett.  
*ruspator* Er.  
*infodiens* Mannh.  
*confosor* Mots.  
*microcephalus* Thoms.  
*pustulatus* Horn (not Hers.)  
*labiatus* Mots.  
*vestigator* Gyll. (not Hers.)  
*s.investigator* s.str.  
*a.suturalis* Mots.  
*infodiens* var. b. Mannh.  
*a.funeror* Reitt.  
*a.funerator* Faur.  
*v.variolosus* Port.  
*a.intermedius* Reitt.  
*a.jamezi* Hatch  
*a.lutescens* Port.  
*s.maritimus* Guer.  
*aleuticus* Guer.  
*pollinctor* Mannh.  
*sibiricus* Mots.  
*infodiens* var. c. Mannh.  
*a.martini* Hatch  
*a.clarecei* Hatch  
*a.sitkensis* Hatch  
*a.massetti* Hatch  
*a.grahami* Hatch  
*a.charlottei* Hatch  
*a.particeps* Fisch.  
*a.japani* Hatch  
*tomentosus* Web.  
*velutinus* Fab.  
*a.communis* Hatch  
*a.elongatus* Hatch  
*a.angustefasciatus* Port.  
*asplendens* Hatch  
*a.brevis* Hatch  
*v.aurigaster* Port.  
*germanicus* L.  
*listerianus* Fourcr.  
*a.speciosus* Schultze  
*a.bimaculatus* Steph.  
*a.frontalis* Fisch.  
*a.fassifer* Reitt.  
*a.apicalis* Kr.  
*v.ruthenus* Mots.  
*grandior* Aug.  
*guttula* Mots.  
*s.guttula* Mots.  
*a.ruficornis* Mots.  
*a.sanfranciscæ* Hatch  
*a.punctatus* Hatch  
*a.shastæ* Hatch  
*a.hypomerus* Hatch  
*a.lajollæ* Hatch  
*a.vandykei* Ang.  
*a.quadriguttatus* Ang.  
*a.kuscheri* Hatch.  
*mexicanus* Matth.  
*hecate* Bland.  
*a.wallisi* Hatch  
*a.californicae* Hatch  
*a.intermedius* Hatch  
*a.disjunctus* Port.  
*a.woodgatei* Hatch  
*a.phoenix* Hatch  
*a.novamexicæ* Hatch  
*a.rubripennis* Port.  
*a.rubrissimus* Hatch  
*a.immaculosis* Hatch  
*obscurus* Kby.  
*melshimeri* Lec.  
*a.discontinus* Hatch  
*a.ruber* Hatch
- SILPHINI*<sup>73</sup>
- Silpha** L.  
*littoralis* L.  
*f.surinamensis* Fab.  
*a.lizonatus* Port.  
*disciocollis* Brullé  
*analis* Chevr.  
*equinoctialis* Gistel  
*brasiliensis* Dej.  
*cayennensis* Berg (not Sturm)  
*v.elongata* Port.  
*v.discreta* Port.
- Thanatophilus** Leach  
**OICEOPTOMA** Leach  
*americana* L.  
*peltata* Catesby  
*a.affinis* Kby.  
*terminata* Kby.  
*canadensis* Kby.  
*a.brunnipes* Hatch  
*noveboracensis* Forst.  
*marginalis* Fab.  
*marginata* Kby.  
*quadripunctata* L.  
*quadripunctulata* Muller  
*quadrinaculata* Sam.  
*v.sexpunctata* Gerh.  
*a.bifasciata* Schulze  
*inaequalis* Fab.  
*s.rugulosa* Port.  
*subrugata* Chevr. MS  
*a.bicolorata* Hatch  
*ramosa* Say  
*cervaria* Mannh.  
*anescens* Csy.  
**THANATOPHILUS** s.str.  
*lapponica* Hbst.  
*tuberculata* Germ.  
*s.caudata* Say  
*californica* Mannh.  
*s.granigera* Chevr.  
*trituberculata* Kby.  
*sagax* Mannh.  
*coloradensis* Wickh.  
*obalskii* Port.  
*truncata* Say  
*mexicana* Chevr. MS
- Blitophaga** Reitt.  
*opaca* L.  
*hirta* Schaff.  
*villosa* Næzen.  
*tomentosa* Villers  
*v.samnitica* Fiori  
*v.binotata* Port.  
*bituberosa* Lec.

\* \* \*

## STAPHYLINIDÆ

*Silphia*<sup>75</sup>

THANATOPHILUS Leach	
trituberculata Kby.	Wash. <sup>76</sup>
lapponica Hbst.	Colo. <sup>77</sup> Ill. <sup>78</sup>
* * *	
coloradensis Wickh.	B.C. <sup>77</sup>
obalskii Port.	20-507 <sup>77</sup>
littoralis L.	Eur. Asia, N.A.
surinamensis Fab.	92-72 <sup>78</sup>

*Ptomaphagus*

ADELOPS Tellk.	
shapardi Sandn.	39-121

Okla.

## STAPHYLINIDÆ

*Piestinae*<sup>79</sup>*Piestus**Hypotelus**Trigonurus* Muls. 47-515<sup>80</sup>

*	edwardsi Shp.	75-205	<sup>80</sup>
sharpi Blkwr.	41-4		
eroticus Lec.	74-48		
lecontei Shp.	75-205	<sup>80</sup>	
lecontei Shp.	75-206	<sup>80</sup>	
lecontei Fvl.	78-185	<sup>80</sup>	
cælatus Lec.	74-48		
rugosus Shp.	75-204		
dilaticollis VanD.	34-178		

Cal. Ore.  
Cal.-B.C.  
Cal.-B.C.Cal.  
Nev. Cal.  
Cal. B.C.*Siagonium**Trigites* Handl. 07-731

( <i>Pseudeleusis</i> Bñhr. 23-63) <sup>81</sup>	
( <i>Triga</i> Fvl. 77-183) <sup>81</sup>	
* * *	

## Phæocharinae

*Rimulineota* Sandn. 46-131<sup>82</sup>  
divalis Sandn. 46-131

Ark

## Omaliinae

*Trigonodemus*

fasciatus Leech 39-258

B.C.

*Anthobium*

EUSPHALERUM Kr.	58-1003
californicum Fvl.	Wash. Ore. <sup>83</sup>
orientale Bñhr.	Wash. <sup>83</sup>
farrare Hatch 44-101	Wash.
grayæ Hatch 44-102	Wash. Ore.
ANTHOBIUM s.str.	
bonnelli Hatch 44-103	Wash.
minskæ Hatch 44-104	Wash.

## Oxytelinae

*Carpelimus* Sam. 19 174<sup>81</sup>  
(*Trogophlaus* Mannh. 31-163)<sup>81</sup><sup>75</sup> Key to larvae, Dorsey—40.<sup>76</sup> Hatch—40.<sup>77</sup> Bjorkman & Hatch—39.<sup>78</sup> Arnett—46.<sup>79</sup> Elevated from tribe, Blackwelder—43.*Xenosoma* Mannh. 31-464<sup>81</sup>*Carpalimus* Steph. 32-324<sup>81</sup>*Boopinus* Klíma 04-56<sup>81</sup>*Tropalpus* Sol. 49-330, subg.)<sup>81</sup>*Troglinus* Shp. 00-231<sup>81</sup>*Troglinus* M. & R. 79-316, subg.)<sup>81</sup>*Amisamus* Gozis 86-5, subg.)<sup>81</sup>*Amisamus* B. & S. 10-95<sup>81</sup>

## fulvipes Er. 40-804 N.A. C.A. S.A. W.I.

*rubripennis* Fvl. 63-410<sup>81</sup>*senilis* Shp. 80-51<sup>81</sup>*texanus* Csv. 89-332<sup>81</sup>*aqualis* Gundl. 93-300<sup>81</sup>

## Coprophilus

## sexualis Leech 39-259 B.C.

## Apocellus

Er. 40-812 (*Ocaleomorpha* Fleisch. 21-114)<sup>81</sup>

## Oxytelus

Grav. 02-101 (*Caccoporus* Thoms. 61-127)<sup>81</sup>*Styloxys* Gozis 86-15<sup>81</sup>*Eponotylus* Thoms. 61-128, subg.)<sup>81</sup>*Tanycrarus* Thoms. 61-129, subg.)<sup>81</sup>*Anotylus* Thoms. 61-130, subg.)<sup>81</sup>*Emopotylus* Bñhr. 10-359, subg.)<sup>81</sup>

## Platystethus

Mannh. 31-460 (*Platysthetus* Steph. 33-273)<sup>81</sup>*Pyctocrerus* Thoms. 61-125<sup>81</sup>

## spiculus Er. 40-784 Tex. C.A. S.A. W.I.

*exiguus* DuVal 57-41<sup>81</sup>Osoriinae<sup>84</sup>LISPINI<sup>VI</sup><sup>84</sup>Lispini<sup>84</sup>

## Pseudolispinodes

Bñhr. 26-258 (*tenella* (Er.) 40-23 N.A. C.A. S.A. W.I.)*fawceti* (Shp.) 87-720<sup>81</sup>*flavipennis* (Fvl.) 65-58<sup>81</sup>*tenuis* (Lec.) 63-60<sup>81</sup>

## Lispinus

Er. 40-828 (*equipunctatus* Lec. 68-50 N.M. Ariz.*linearis* Er. 40-829 N.A. C.A. S.A.)Inopepli<sup>85</sup>

## Inopeplus

Smith 51-4<sup>85</sup> (*Ino* Lap. 34-135, not Schrank)<sup>84</sup>*Euryplatus* Mots. 59-95<sup>84</sup>*Pseudino* Fairm. 69-208<sup>84</sup>*reclusa* Lec. 80-186 Fla. Ala. Tex. Md.*immunda* Rtrr. 78-191Thoracophori<sup>84</sup>

## Thoracophorus

Mots. 37-98 (*Leiophorus* Bñhr. 26-261)<sup>84</sup>*Stilbogastrus* Bñhr. 08-286<sup>84</sup><sup>80</sup> Key and revision, Blackwelder—41.<sup>81</sup> Blackwelder—43.<sup>82</sup> Doubtfully assigned here, Sanderson—46.<sup>83</sup> Hatch—44.<sup>84</sup> Generic revision, Blackwelder—42.<sup>85</sup> Transferred from Cucujidæ, Blackwelder—42.

- brevicristatus (Horn) 71-332      Fla. Ariz. [C.A. W.I.]

costalis (Er.) 40-909      Mass.-Fla.-Neb.-[Cal.]

fletcheri Wend. 27-5      Minn.<sup>86</sup>

Eleusii <sup>84</sup>

**Eumalus** Shp. 87-732  
nigrellus (Lec.) 63-59      Md.-Tex.-Wash.-Mich.  
a.canadensis (Horn) 71-299      Ont. Ohio

**Eleusis** Lap. 35-131  
(*Chasolium* Lap. 35-132)<sup>84</sup>  
(*Isomalus* Er. 40-132)<sup>84</sup>

humilis (Er.) 40-839      Cal. Ariz. C.A. S.A.  
fasciata (Lec.) 63-59  
indica (Kr.) 59-183  
subtilis Shp. 89-467  
pallidipennis (Fvl.) 65-40  
tenuis (Fvl.) 65-41  
tenuis (Walk.) 59-52

pallida (Lec.) 63-58      N.Y.-D.C.-Iowa

Paralispini <sup>84</sup>

**Paralispinus** Bnhr. 21-67  
(*Ancus* Fvl. 65-60)<sup>81</sup>

californicus (Lec.) 63-59      Cal.-Wash.

exiguus (Er.) 40-830      N.A. C.A. S.A. W.I.  
aruensis (Fvl.) 78-200  
fausti (Shp.) 76-392  
levigatus (Kr.) 59-188  
*obscuripennis* Bnhr. 26-255  
*pallescens* (Bl. & S.) 85-126  
*rufescens* (Lec.) 63-59  
*rufus* (Fvl.) 65-60

prolixus (Lec.) 77-250      N.Y. Mich. S.D.

Osorini <sup>84</sup>

**Neotrochus** Blkwr. 43-164  
minor (Fvl.) 63-437      ?N.A. W.I. S.A.  
parvulus (Chpn.) 28-66      La.  
arizonicus (Chpn.) 28-66      Ariz.  
kevicauda (Lec.) 66-376      Ky.-N.M.-Mich.  
brachypterus (Fvl.) 05-136      Va.-Fla.-La.  
minor (Lec.) 77-216<sup>81</sup>

**Osorius** Latr. 27-332  
(*Molosoma* Say 34-462)<sup>81</sup>

politus Lec. 77-215      Fla.  
brevicornis Notm. 20-698      Fla.  
planifrons Lec. 77-215      Ind. Fla.-Ariz.  
parviceps Notm. 25-12      Fla.  
brevipennis Notm. 25-14      Ariz. C.A.  
variolatus Notm. 25-17      Ariz.  
difficilis Notm. 25-17      Ariz.  
latipes (Grav.) 06-198      Pa.-Fla.-Tex.-S.D.

**Steninae**

**Stenus** Latr. 96-77  
(*Nestus* Rey 83-183)<sup>81</sup>  
(*Hemistenus* Mots. 60-557, subg.)<sup>81</sup>  
(*Mesostenus* Rey 83-183)<sup>81</sup>

(*Parastenus* Heyd. 05-262)<sup>81</sup>  
(*Hypostenus* Rey 83-183, subg.)<sup>81</sup>  
(*Astenus* Lynch 84-341)<sup>81</sup>  
(*Stenosidotus* Lynch 84-338)<sup>81</sup>  
(*Areus* Csy. 84-150)<sup>81</sup>  
(*Tesnus* Rey 83-183, subg.)<sup>81</sup>  
(*Mutinus* Csy. 84-146)<sup>81</sup>

vista Sandn. 46-430      Colo. Man. N.W.T.

**Stylopodinae** <sup>81</sup>

**Stylopodus** Ben. 17-190  
(*Megalops* Er. 40-751)<sup>81</sup>  
(Not *Lacepede*)  
(*Perostylus* Ben. 17-190)<sup>81</sup>  
(Not *Pilsbry*)  
(*Megalopsidia* Leng 18-204, subg.)<sup>81</sup>  
(*Aulacotachelus* Ben. 21-1)<sup>81</sup>  
(*Megalopsidiella* Bnhr. 33-333,  
[subg.])  
(*Gata* Blkwr. 43-202, subg.)

**Paeerinæ**

**Ochthephilum** Steph. 29-287<sup>81</sup>  
(*Cryptobium* Mannh. 31-452)<sup>81</sup>  
(*Ababacta* Shp. 85-533, subg.)<sup>81</sup>  
(*Cryptobiella* Csy. 05-29, subg.)<sup>81</sup>  
(*Neobacta* Blkwr. 39-96, subg.)<sup>81</sup>  
(*Ochthephilum*, typ. error)  
fracticorne (Payk.) 90-135      Eur. N.Afr.  
[Mass. <sup>86a</sup>]

**Dacnochitonus**  
fresnoensis Leech 39-261      Cal.

**Lithocharis**  
ardenus Sandn. 45-94      N.Y.-Ga.-Kan.

**Rugilus** Sam. 19-173<sup>81</sup>  
(*Stilicus* L. & S. 25-495)<sup>81</sup>  
(*Stilicosoma* Csy. 05-219)<sup>81</sup>

**Stilicolina** <sup>87</sup>  
fasta Sandn. 47-28      Ariz.

**Astenus**  
fletcheri Wend. 27-5      Minn.<sup>86</sup>

**Sunius** Steph. 29-287  
HYPOMEDON M. & R. 78-122<sup>81</sup>  
(*Chloccharis* Lynch 84-257)<sup>81</sup>  
(*Hemimeda* Csy. 05-160)<sup>81</sup>  
(*Lena* Csy. 05-189)<sup>81</sup>  
(*Euaestenus* Fiori 15-10)<sup>81</sup>  
SUNIUS s.str.  
(*Oligopterus* Csy. 86-12)<sup>81</sup>  
(*Medonella* Csy. 05-180)<sup>81</sup>  
(*Micromedon* Csy. 05-155)<sup>81</sup>  
(*Xenocharis* Brg. 34-328)<sup>81</sup>  
CALODERMA Csy. 86-5<sup>81</sup>  
TRACHYSECTUS Csy. 86-38<sup>81</sup>

**Staphylininae**

**Erichsonius** Fvl. 72-427  
(*Bisnius* Thoms. 60-168, not  
[Steph.])<sup>81</sup>

<sup>86</sup> Originally cited in error as N.Y.; see Fletcher 30-190.

Section 12, Part 4, Article 17

<sup>87</sup> Key to species. Sanderson. 17.

864 Egan et al. 13

Key to species. Sanderson. 17

## HISTERIDÆ

- (*Actobius* Fvl. 76-72)<sup>81</sup>  
 (*Neobisnius* Gglb. 95-164)<sup>81</sup>
- Staphylinus** L.<sup>82</sup>  
 (*Staphlinus* Rau 44-15)  
*maculosus* Grav.  
*maculosis* Rau 44-15
- Ocypus** Sam. 19-172 (not Kr. 58-536) <sup>81</sup>  
*ater* Grav. Cal.<sup>80</sup>  
 GOËRJUS Steph. 29-275<sup>81</sup>  
*olens* Müll. 64-23 Cal.<sup>89 90</sup> Mex.<sup>90</sup> Eur.
- Atanygnathus** Jacobs. 09-521  
 (*Tanygnathus* Er. 38-417, not  
 [Wagler]<sup>81</sup>  
 (*Tanygnathinus* Rtrr. 09-105)<sup>81</sup>
- Nestolinus**  
*oregonus* K. Fend. 46-66 Ore.
- Trichopseniinæ**<sup>91</sup>
- Trichopsenius** Horn 77-88<sup>92</sup>  
 \* *depressus* (Lec.) 63-30 Fla. Tenn. La.  
*xenoflavipes* Seev. 45-70 Ind. Ill.  
*frosti* Seev. 45-70 Mass.  
*longipes* Seev. 45-71 Utah. Cal.
- Xenistusa**  
*hexagonalis* Seev. 41-324 Fla.

## Tachyporinæ

- Tachinus**  
*quebecensis* Robert 46-70 Que.
- Bolitobius**  
*kremeri* Malkin 44-23 Ore. Wash.  
*ruber* Malkin 44-24 Man. B.C.  
*kelleyi* Malkin 44-26 B.C.  
*cascadensis* Malkin 44-27 Ore.  
*s. hatchii* Malkin 44-28 Wash.  
*intrusus* Horn Man.  
     *v. wallisi* Malkin 44-28 Cal. Wash.  
     *vandykei* Dethlefsen 46-71 Ida.<sup>93</sup>
- Coproporus**  
*ventriulus* Say
- Conosomus** Mots. 57-54<sup>81</sup>  
 (*Conurus* Steph. 29-272, not Kuhl)<sup>81</sup>  
 (*Conosoma* Kr. 57-431)<sup>81</sup>

Pulicomorphina<sup>94</sup>

- Pulicomorpha** Mann 24-87<sup>94</sup>  
 \* *eæca* Mann 24-88 L.Cal.
- Beyeria** Fenyes 10-118<sup>94</sup>  
 \* *vespa* Fenyes 10-119 Ariz.  
*pulex* Sandn. 43-137 Ark.
- <sup>81</sup> Blackwelder—43.  
<sup>82</sup> Key to larvae, Voris—39.  
<sup>83</sup> Van Dyke—45.  
<sup>84</sup> Blackwelder collection.  
<sup>91</sup> Seavers—41.  
<sup>92</sup> Revision, Seavers—45.  
<sup>93</sup> Malkin—44.  
<sup>94</sup> Revision, Sanderson—43.

## PSELAPHIDÆ

- Batrisodes**  
*cartwrighti* Sandn. 40-169 S.C.  
*curvatus* Sandn. 40-170 S.C.

## CLAVIGERIDÆ

- Fustiger**  
*knausi* Schffr. Colo.<sup>95</sup>

LIMULODIDÆ<sup>96</sup>

- (*Limulodina*, *Cephaloplectina*)<sup>97</sup>

- Limulodes** Matth. 67-409  
 \* (*Ectoxenus* Wasm. 08-182)<sup>97</sup>  
 LINULODES s.str.  
*paradoxa* Matth. 67-409 Mass.-Ariz.  
 NEOLIMULODES Seev. &  
     [Dybas 43-570  
*parki* S. & D. 43-570 Ill. Ind. Ia. Tex.  
     *paradoxa* Wickh. 92-322 (part)<sup>97</sup>  
     IDIOLIMULODES Seev. &  
     [Dybas 43-572  
*navajo* S. & D. 43-572 Ariz.  
     *paradoxa* Wickh. 92-322 (part)<sup>97</sup>

## SPHERITIDÆ

- Sphaerites**  
*politus* Mannh. 46-514<sup>98</sup> Alas. Alb. Cal.  
*glabratus* Horn 80-247<sup>98</sup> [glabratus Fabr. not N.Amer.<sup>98</sup>]

## HISTERIDÆ

(see also below)

- Hololepta**  
*fossularis* Say 25-47  
*aqualis* Say 25-47<sup>99</sup>
- Hister**  
*falli* Bickh. 12-290  
*gagates* Fall 10-121<sup>1</sup>  
     (not Illiger, 1807)  
 PARALISTER Bickh. 16-188  
*oseculatus* Blatch. 10-607<sup>3</sup>  
*puncticollis* Schffr. 12-26<sup>2</sup>  
*dispar* Lec. 45-57<sup>3</sup>  
*purpurascens* Hbst. 92-42 Eur. Pa.<sup>2</sup>
- Spilodiscus** Lewis 06-343<sup>4</sup>  
*floridanus* Ross 40-7  
*gloveri* Horn 70-134<sup>5</sup> Fla.

- <sup>95</sup> Rotger—44.  
<sup>96</sup> New family, with key to genera and species.  
 Seavers & Dybas—43.  
<sup>97</sup> Seavers & Dybas—43.  
<sup>98</sup> W. J. Brown—44.  
<sup>99</sup> Bradley—43.  
<sup>1</sup> Bickhardt—12 and McGrath & Hatch—44.  
<sup>2</sup> Siepmann—39.  
<sup>3</sup> Placed in subgenus by Bradley—43.  
<sup>4</sup> Used as valid genus, Ross 40.  
<sup>5</sup> Transferred from Hister, Ross—44.

<b>Atholus</b> Thoms. 62-228 <sup>4</sup>	Fla.	<i>PLEGADERINI</i> <sup>16</sup>
minutus Ross 40-8		
<b>Pseudister</b>		<b>Plegaderus</b> <sup>16</sup>
(hospes Lewis 02-236 prob. not N. Amer. <sup>6</sup> )		
<b>Platysoma</b>		<i>ACRITINI</i> <sup>16</sup>
leconti Mars. 53-273 <sup>7</sup>		
depressum Lec. 45-40 <sup>6</sup>		
lecontei of authors <sup>6</sup>		
<b>Psiloscelis</b>		<b>Aeletes</b> <sup>16</sup>
repletus Lec. <sup>8</sup>		floridæ Mars. <sup>16</sup>
<b>Dendrophilus</b> <sup>9</sup>	S.C.	<b>Halaeritus</b> Schmidt 93-ciii <sup>16</sup>
opacus Ross 40-104		( <i>Paracritus</i> Bréthes 23-40) <sup>16</sup>
<b>Terapus</b> <sup>10</sup>	Ariz.	parallelus Csy. 16-251
* arizonensis Ross 38-48		salinus (Lec.) 78-402
infernalis (Fall) 07-69		maritimus (Lec.) 51-170
<b>Onthophilus</b>	Tex.	
kirni Ross 44-115		<b>Acritus</b> Lec. <sup>16</sup>
<b>Acritus</b>	Tex.	exiguus Er. 34-208
attaphilus Wenzel 39-384		<i>subdepressus</i> (Blatch.) 22-13 <sup>16</sup>
<b>Saprinus</b>	Wash.	
lanei McGr. & H. 41-58		<i>TERETRIINI</i> <sup>16</sup>
insertus Lec.		
a micropunctatus McGr. & H. 41-60		<b>(Teretrius, Teretriosoma)</b>
fimbriatus Lec.	[Wash.]	
v desertoides McGr. & H. 41-61	Wash.	<b>Sapriniæ</b> <sup>16</sup>
rossi Wenzel 39-388	Ill.	
<b>Eremosaprinus</b> Ross 39-39 <sup>11 12</sup>	L.Cal.	<b>Saprinus</b> <sup>16</sup>
* unguiculatus (Ross) 39-40	Cal.	
falli (Ross) 39-41	Cal.	<b>Geomysaprinus</b> Ross 40-2 <sup>16</sup>
carinifer (Fall) 17-167	Cal.	rugosifrons (Fall) 19-213
opacus (Horn) 94-364		Man.
hubbardi (Wenzel) 39-386		
<b>Geomysaprinus</b> Ross 40-2		<b>Hypocaeetus</b> <sup>16</sup>
* goffi Ross 40-3	Tex. <sup>13</sup>	iris (Fall) 19-214
tibialis Ross 40-5	Fla.	alutiger (Wenzel) 35-789 <sup>16</sup>
rugosifrons (Fall) 19-213 <sup>14</sup>	Man.	
<b>Yarmister</b> Wenzel 39-391		<b>Dendrophilinæ</b> <sup>16</sup>
barberi Wenzel 39-392	Fla.	
<b>Reninus</b> Lewis 89-275		<b>Geocolus</b> Wenzel 44-92
( <i>Renia</i> Lewis 85-467) <sup>15</sup>		cæcus Wenzel 44-94
salvini Lewis 88-220	Tex. <sup>15</sup> Mex.	Ga.
		<b>Baeanius</b> <sup>16</sup>
<b>Hypocaeetus</b>		
kincaidi McGr. & H. 41-62	Wash.	<b>Careinops</b> Mars. <sup>16</sup>
		cribrripuga Wenzel 44-102
* * *		Fla.

**HISTERIDÆ**<sup>16</sup>

(see also above)

## SAPRINOMORPHÆ

**Abraeinæ**<sup>16</sup>**ABRAEINI**<sup>16</sup>**Abraeus**<sup>16</sup><sup>6</sup> Bradley—43.<sup>7</sup> Correct spelling, Bradley—43.<sup>8</sup> A species inquirendæ, Bradley—43.<sup>9</sup> Key to species, Ross—40.<sup>10</sup> Key to species, Hinton—45.**Hololepta**<sup>16</sup>*HISTERINI*<sup>16</sup>**Margarinotus** Mars. 53-549<sup>16</sup>\* (*Grammostethus* Lewis 06-400)<sup>16</sup>(*Paralister* Bickh. 16-188)<sup>16</sup>(*Stenister* Reich. 26-270)<sup>16</sup>

adonis (Blatch.)

<sup>11</sup> Described as a subgenus of *Saprinus*.<sup>12</sup> Considered a distinct genus, Ross—40.<sup>13</sup> Ross—44.<sup>14</sup> Transferred from *Saprinus*, Ross—44.<sup>15</sup> Wenzel—40.<sup>16</sup> Partial reclassification of family, Wenzel—44.

## CANTHARIDÆ

<i>cadaverinus</i> (Hoffm.) 03-34			Ore. <sup>18</sup>
<i>obtusatus</i> of authors <sup>16</sup>			Ore. <sup>18</sup>
<i>virginia</i> (Csy.) 93-541 <sup>16</sup>			Wash. Ore. <sup>18</sup>
<i>californicus</i> (Mars.)			Ore. <sup>18</sup>
<i>cognatus</i> (Lee.)			Wash. Ore. Ida.
<i>confusus</i> Wenzel 44-133	Mass.-Ill.		Ore. <sup>18</sup>
<i>davisi</i> (Schæf.)			Ore. Wash. <sup>18</sup>
<i>ednae</i> (Carn.)			Ore. Wash. <sup>18</sup>
<i>egregius</i> (Csy.)			N.H. Alb. Wash. Alas. <sup>18</sup>
<i>felipæ</i> (Lewis)			Cal. <sup>19</sup> Ore. <sup>18</sup>
<i>fidelis</i> (Csy.)			Can. Pa. <sup>19</sup>
<i>fractifrons</i> (Lewis)			Man.
<i>guttifer</i> Horn			Man.
<i>immunis</i> (Er.)			Que.
<i>interruptus</i> (Beauv.)			Wash. <sup>18</sup>
<i>lecontei</i> Wenzel 44-134	Que.-N.C.-Wis.		
<i>cognatus</i> of authors <sup>16</sup>			
<i>marginicollis</i> (Lee.)			Ore. Wash. B.C. <sup>18</sup>
<i>merdarius</i> (Hoffm.)			Wash. Ore. <sup>18</sup>
<i>mormon</i> (Csy.)			Mass.
<i>oblitus</i> (Csy.)			N.C.
<i>planifrons</i> (Lewis)			Mich.
<i>pluto</i> (Csy.)			Mich.
<i>rectus</i> (Csy.)			N.Y.
<i>remotus</i> (Lee.)			Mass.-Va.-Minn.
<i>sinuosus</i> (Lewis)	Mass. Ill.		Ont.-Ga.
<i>stereorarius</i> (Hoffm.) 03-57	[Ore. Eur.]		Pa. N.J. N.C.
<i>semisculptus</i> (Lee.) 63-60 <sup>16</sup>			Proximus Green 40-176 N.Y. N.J.
<i>stygius</i> (Lee.)			umbrinus Green 40-181 Me.-Fla.
<i>umbilicatus</i> (Csy.)			cartwrighti Green 40-182 N.C. Mich.
<i>umbratilis</i> (Csy.)			hirticulus Green 40-183 Pa. N.C. Ind.
<i>umbrosus</i> (Csy.)			mimeticus Green 40-184 W.Va. Ala. N.C.
			angulatus Say 23-180 <sup>21</sup> [Ga.]
			flavipes Lee. 51-341 <sup>21</sup>
			<i>dichrous</i> Lee. 51-341 <sup>22</sup>
			<i>pieticornis</i> Green 40-191 Colo. N.M. Ariz.
			tenuis Green 40-192 Me.-N.C.
			<i>campestris</i> Green 40-194 Kan.-Minn.
			<i>vestigialis</i> Green 40-195 N.J.
			<i>septentrionis</i> Green 40-197 Man. Minn.
			<i>coloradensis</i> Green 40-198 Colo. Utah [Mont.]
			<i>oriflavus</i> Lee. 74-273 <sup>21</sup> Me.-Ala.-Kan.
			<i>imbecillus</i> Lee. 51-342
			<i>imbecilis</i> Leng 20-143 <sup>22</sup>
			<i>albolineatus</i> Blatch. 17-143 <sup>22</sup>
			<i>imbecillus</i> Blkw. 39-31 <sup>22</sup>
			<i>nigriceps</i> Lee. 50-230 <sup>21</sup>
			<i>pusillus</i> Lee. 81-52 (not 1851) <sup>22</sup>
			<i>mollis</i> Fall 36-182 <sup>22</sup>
			s. <i>mimus</i> Fall 36-182 <sup>22</sup>
			<i>greeni</i> Fall 36-183
			<i>greeni</i> Blkw. 39-32 <sup>22</sup>
			<i>trianguliferus</i> Green 40-207 N.J.-Fla.-[Ark.]
			<i>nigrohumeralis</i> Green 40-207 Va.-Ala.
			<i>heterodoxus</i> Green 40-208 Mass.-Ala.-Ill.
			<i>bilobatus</i> McK.-Fend. <sup>24</sup> 41-128 Ont.-N.C.-Tex.
			<i>carolinus</i> Fab. Ont.-Fla.-Tex.-Minn. <sup>23</sup>
			<i>dentatus</i> McK.-Fend. 44-20 Cal.
			<b>Polemius</b>
			<i>canadensis</i> Brown 40-162 N.B.

<sup>16</sup> Partial reclassification of family, Wenzel—44.<sup>17</sup> Valid species, K. Fender—45.<sup>18</sup> K. Fender—45.<sup>19</sup> Localities transposed in Leng Cat., K. Fender—45.<sup>20</sup> Key to species, Green—40.<sup>21</sup> Valid species, Green—40.<sup>22</sup> Green—40.<sup>23</sup> McKee-Fender—41.<sup>24</sup> This spelling was later adopted by Mrs. Dorothy McKee Fender, to avoid confusion with Kenneth Fender.

**Silis**

freemani Brown 40-163

**Malthodes**

hirsutotibialis K.Fend. 45-38  
 oregonus K.Fend. 43-66  
 frosti K.Fend. 43-67  
 humidus K.Fend. 43-68  
 frisoni K.Fend. 46-142  
 rotgeri K.Fend. 46-143  
 macnabi K.Fend. 46-144

## MELYRIDÆ

**Malachius**<sup>25</sup>

rotgeri Marshall 46-191  
 yuccæ Hopp. 39-61  
 blaisdelli Hopp. 39-62

**Trichochroides** Blais. 38-25<sup>26</sup>

\* scabricollis Blais. 40-290  
 muiri Blais. 27-165  
 falsus Blais. 40-292  
 nunenmacheri Blais. 40-294  
 vanduzeei (Blais.) 24-322<sup>27</sup>  
 sexualis (Csy.) 95-524<sup>27</sup>  
 palpalis (Blais.) 23-321  
 crassicornis Blais. 40-300  
 parvicollis Blais. 40-301  
 virilis Blais. 40-303

**Tanaops**<sup>28</sup>

greeni M.Y.Marsh. 44-164  
 neglectus M.Y.Marsh. 46-185  
 abdominalis Lec. 59-74  
 v.alutaceus M.Y.Marsh. 46-186  
 sierra M.Y.Marsh. 46-187  
 nunenmacheri M.Y.Marsh. 46-189  
 oregonensis M.Y.Marsh. 46-190

**Microlipus**uniformis (Mots) 59-405<sup>29</sup>**Anthocomus**

erichsoni Lec. 52-165<sup>31</sup>  
 criddlei (Brown) 28-146<sup>30</sup>  
 otiosus Er. 40-99 [sic]<sup>30</sup>

**Attalus**

nigrellus Lec. 52-167  
 falli (Hopp.) 25-206<sup>30</sup>  
 minutus M.Y.Marsh. 46-193

**Eudasytes**

brunnipilosa Blais. 40-319

**Eutrichopleurus**

concinnus Blais. 40-321

**Trichochrous**

nevadensis Blais. 42-129  
 panamintensis Blais. 40-323

**Listrus**

hoppingi Blais. 40-212

<sup>25</sup> According to Marshall (46-193) all American species in this genus should be transferred to *Microlipus*, with exception of *æneus*.

<sup>26</sup> Revision of genus, Blaisdell—40.<sup>27</sup> Transferred from *Trichochrous* by Blaisdell—40.<sup>28</sup> Key to species, M. Y. Marshall—46.<sup>29</sup> Valid species, M. Y. Marshall—46.<sup>30</sup> Brown—44.

N.C.

Ore.

Ore.

Ore.

Ill. Ark.

Colo.

Wash.

**Enallonyx** Wole. 44-47(Allonyx Lec. 62-193)<sup>32</sup>  
 (not DuVal, 1860)

## CLERIDÆ

## Tillinae

**Monophylla**(Macrotelus Klug 42-274)<sup>33</sup>  
 (Elasmocerus Lec. 49-13)<sup>33</sup>**Callotillus****Tillus**

Colo.

Cal.

Cal.

(Cylinder Voet 06-78)<sup>33</sup>

patagoniae Knoll 46-72

Ariz.

**Perilypus**

Cal.

Cal.

Cal.

Cal.

Cal.

Cal.

Cal.

Cal.

**Lecontella****Cymatoderá**

pseudotsugæ Barr 47-17

Cal. Ore.

xavieræ Knoll 40-555

Ariz.

**Bostriochelerus**Phyllobaeninae<sup>33 41</sup>**Phyllobaenus** Dej. 37-127<sup>33 43 44</sup>(Hydrocera Newm. 38-379)<sup>33 42</sup>(Theano Chev. 43-33, not Cast.)<sup>33</sup>

humeralis (Say) 23-192

humeralis Germ. 24-80<sup>42</sup>v.cyanescens (Lec.) 49-28<sup>34</sup>difficilis (Lec.) 49-27<sup>34</sup>

verticalis Say 35-164

brachyptera (Klug) 42-313<sup>34</sup>lineatocollis (Spin.) 44-51<sup>34</sup>tenella (Say) 35-164<sup>34</sup>**Isohydnocera**<sup>23 42</sup>**Wolcottia**<sup>33 42</sup>Thaneroclerinae<sup>33 44</sup>

Ariz.

**Thaneroclerus** Lef. 38-13<sup>44</sup>\*(*Taneroclerus* Chev. 80-10)<sup>33</sup>(*Thaneclerus* Chenu 60-247)<sup>44</sup>(*Thanateroclerus* G. & H. 69-1739)<sup>44</sup>(*Metademius* Matsum. 35-234)<sup>33</sup>

Utah

buquet Lef. 35-577<sup>34 44</sup> N.Y. Fla. Cal.buqueti Westw. 38-13<sup>34 44</sup> [Cosmop.girodi Chev. 80-31<sup>34 44</sup>tabacci Matsum. 35-234<sup>34 44</sup>

Nev.

v.dermestoides Klug 42-310<sup>34 44</sup> N.Y.

Cal.

<sup>31</sup> Belongs in *Microlipus*, M. Y. Marshall—46.<sup>32</sup> Wolcott—44.<sup>33</sup> Rearrangement and synonymy, Wolcott—47.<sup>34</sup> Wolcott—47.<sup>35</sup> Revision of genus, Wolcott—47.<sup>36</sup> Doubtfully retained; not seen since the original publication; Wolcott—47.<sup>37</sup> Key to genera, Wolcott—44.<sup>38</sup> Wolcott—44.<sup>39</sup> Should be Dejean 33-113.<sup>40</sup> Revision, Corporaal—39.

- Zenodosus** Wole. 10-321 <sup>33 41</sup>  
 \* (*Xenodosus* Champl. 20-636) <sup>33 41</sup>  
 (*Zenodusus* Leng 20-470) <sup>33</sup>  
*sanguineus* Say 35-162 U.S. Can.
- Ababa** Csy. 97-653 <sup>33 44</sup>  
 \* (*Prionodera* Wole. 10-396) <sup>33 44</sup>  
 (*Prionostichus* Wole. 11-125) <sup>33 44</sup>  
 (*Wolcottella* Lucas 20-669) <sup>33 44</sup>  
*tantilla* Lec. 65-96 Ala.-Tex.-Bra.  
*crinita* Csy. 97-653 <sup>44</sup>
- Clerinae** <sup>33</sup>
- Priocera**  
*catalinae* Cazier 39-162 Ariz.  
*chiricahuae* Knoll 39-27 Ariz.
- Colaphus** Spin. 41-72  
 (*Cleronomus* Klug 42-282) <sup>33</sup>  
 (*Derestenus* Chev. 43-13) <sup>33</sup>  
*furcatus* Schffr. 04-218 Tex.  
*ornaticollis* Lec. 80-194 Ohio  
*melanopterus* Dury 06-251 <sup>34</sup>
- Placopterus** Wole. 10-363  
 (*Pacilochroa* Chev. 76-5) <sup>33</sup>  
 (not Westring, 1874)  
 (*Placopterus* Leng 20-149) <sup>33</sup>  
 (*Phlaopterus* Britton 31-236) <sup>33</sup>  
*cyanipennis* Klug 42-307 [Mex.]  
*v.dasytoides* Westw. 49-50 Mex. Tex.  
*haagi* Chev. 76-12 <sup>36</sup> Mex. Tex.  
*subcostatus* Schffr. 17-131 <sup>36</sup> Fla. Tex.  
*thoracicus* Oliv. 95-18 <sup>36</sup> Can.-Fla.-Ind.  
*monilis* Melsh. 46-307 <sup>34</sup> [Cal.]  
*v.pallipes* Wole. 12-55 <sup>36</sup>
- Thanasimus** Latr. 06-270  
 \* (*Cleroides* Schffr. 77-137) <sup>33</sup>  
 (*Pseudoclerus* DuVal 60-196) <sup>33</sup>  
*dubius* Fab. 77-229 Me.-N.M.-Alas.  
*ruficeps* Spin. 44-189 <sup>34</sup> Cal.  
*repandus* Horn 71-342 Can.-Pa.-Wis.  
*trifasciatus* Say 25-175 Can.-Pa.-Wis.  
*undulatus* Say 35-163 Me.-Mont.-N.M.  
*undulatus* Leng 20-149 <sup>34</sup>  
*v.abdominalis* Khy. 37-241 <sup>34</sup>  
*v.nubilus* Klug 42-386 <sup>34</sup> N.S.  
*v.melanocephalus* Chev. 71-290 <sup>34</sup> [N.H.]  
*v.monticola* Wole. 10-357 <sup>34</sup> B.C.-Cal.  
*v.rubriventris* Lec. 61-351 <sup>34</sup> Cal.
- Enoclerus** Gahan 10-62 <sup>37 46</sup>  
 (*Clerus* of authors, not Fab.) <sup>33 46</sup>  
*abdominalis* Chevr. 34-52 [Mex.]  
*zonatus* Klug 42-297 <sup>34</sup>  
*v.spinolae* Lec. 53-230 <sup>34</sup> Kan.-Mex.-[Cal.]  
*bombycinus* Chev. 33-42 Cal. Mex.  
*xenicollis* Spin. 44-254 <sup>34</sup>  
*sericans* Westw. 49-58 <sup>34</sup>  
*brevicollis* Spin. 44-266 N.A.
- <sup>33</sup> Rearrangement and synonymy, Wolcott—47.  
<sup>34</sup> Wolcott—47.  
<sup>35</sup> Transferred from *Cleronomus*, Wolcott—47.  
<sup>36</sup> Barr—47.  
<sup>37</sup> Reinstated by Wolcott—47.
- erro Wole. 22-68 Ariz.  
*invoensis* VanD. 38-191 Cal.  
*lecontei* Wole. 10-359  
*nigriventris* Lec. 61-351 <sup>34</sup>  
 (not Blanchard, 1843) N.Y.-Wis.  
*liljebladi* Wole. 22-73 Tex.-Pan.  
*mexicanus* Cast. 36-44 Tex.-Pan.  
*assimilis* Spin. 44-249 <sup>34</sup>  
*v.assimilis* Chev. 43-17 <sup>34</sup>  
*v.semiocraeus* Chev. 74-292 <sup>34</sup>  
*v.silbermanni* Chev. 43-21 <sup>34</sup>  
*nigritrons* Say 23-190 Can.-Ala.-Neb.  
*v.testaceipes* Wole. 22-72 Ind.  
*venator* Chev. 43-18 Tex. Mex.  
*lesueuri* Spin. 41-249 <sup>34</sup>  
*vetus* Wole. 27-107 Tex.  
*erabronarius* of authors  
 (not Spinola, 1844)  
*schaefferi* Barr 47-24  
*humeralis* Schffr. 05-155 <sup>36a</sup>  
*eximius* Mannh.  
*s. trullonis* Barr 47-21 Utah Nev. Ida.  
 Ore.
- Trichodes** Hbst. 92-154 <sup>33 37a 45</sup>  
 (*Clerus* Curt. 24-44) <sup>33</sup>  
*basalis* VanD. 43-41 Cal.  
*ornatus* Say 23-189 Tex.-Alas. Mex.  
*tenellus* Lec. 58-72 <sup>34</sup>  
*douglasianus* White 49-60 <sup>34 42</sup>  
*hartwegianus* White 49-60 <sup>34 42</sup>  
*v.obsoletus* Wole. 44-59 <sup>34</sup> Ariz.  
*simulator* Horn 80-149 Colo. <sup>42</sup> Utah N.M.  
*flavescens* Ckll. 98-115 <sup>42</sup>
- Aulicus**
- Serriger**
- Xenoclerus**
- Epiphloeinae** <sup>33</sup>
- Phlogistosternus** Wole. 44-124 <sup>33 37b</sup>  
 (*Phyllobenus* Spin. 44-1) <sup>33 42</sup>  
 (not Dejean, 1837)  
*Theano* Chev. 43-33 <sup>42</sup>  
*californicus* VanD. 23-47 Cal.  
*dislocatus* Say 25-176 Can.-Ga.-Tex.  
*dislocatus* Wole. 44-124  
*distrrophus* Klug 43-374 <sup>34</sup>  
*transversalis* Spin. 44-4 <sup>34</sup>  
*merkeli* Horn 96-374 Ariz. N.M.
- Neichneia** Wole. & Chpn. 18-108  
*Ichnea* Cast. 36-55, part) <sup>34</sup>  
*Elliptotoma* Wole. 10-858 <sup>34</sup>  
 (not Spinola, 1844)
- Ichnea** Cast. 36-55  
*\* elongata* Knoll 39-27 Ariz.
- <sup>37a</sup> Listed as synonym of *Clerus* Fab. by Wolcott—44.  
<sup>37b</sup> Originally placed in *Phyllobeninae*.  
<sup>38</sup> Valid species, Wolcott—47.  
<sup>42</sup> Wolcott—44.  
<sup>43</sup> Revision, Corporaal—39.  
<sup>46</sup> Blackwelder—45.

**Enopliinae**<sup>33</sup>

**Orthopleura** Spin. 44–80  
 (Dermestoides Schffr. 71–220)<sup>33</sup>  
 texana Bland 63–356<sup>38</sup> Tex.

**Pelonides** Kuw. 94–8  
 (Pytiara Spin. 41–75)<sup>33</sup>  
 humeralis Horn 68–135 Tex. N.M. Mex.  
 v.perroudi Pic 33–12<sup>34</sup> Tex.  
 similis Knoll 38–97 Tex.

**Chariessa** Perty 30–109  
 (Brachymorphus Chev. 35–150)<sup>33</sup>  
 (Pelonium Spin. 44–347, part)<sup>33</sup>  
 (Philyra Cast. 36–53)<sup>33</sup>  
 (Tarandocerus Chev. 76–7)<sup>33</sup>

**Corinthiscus** F. & G. 61–4  
 (Pelonium Spin. 44–347, part)<sup>33</sup>

**Cregya** Lee. 61–197  
 \* (Galeruculus Gahan 10–75)<sup>33</sup>  
 mixta Lee. 66–98 Md.–Tex.  
 oculata Say 35–163 Mass.–Tex.  
 marginipennis Spin. 44–363<sup>34</sup>  
 quadrifasciata Spin. 44–365 Tex. C.A.  
 v.bilineicollis Chevr. 74–327<sup>34</sup> Tex.  
 quadrimaculata Chevr. 74–328<sup>34</sup>  
 uncinata Chevr. 74–328<sup>34</sup>

**Korynetinae**<sup>33</sup>

[Erolestus Wole. 27–108 not N.A.<sup>34</sup>]

[Korynetes Hbst. 92–148 not N.A.<sup>34</sup>]

**Tarsostemus** Spin. 44–287  
 \* univittatus Rossi 92–44 Cosmop.  
 albofasciatus Melsh. 46–306<sup>34</sup>  
 biguttatus Montr. 60–260<sup>34</sup>  
 fasciatellus Spin. 44–172<sup>34</sup>  
 fasciatus Curt. 32–270<sup>34</sup>  
 marcens Westw. 49–57<sup>34</sup>  
 picipennis Westw. 49–48<sup>34</sup>  
 succinctus Chev. 42–277<sup>34</sup>

**Lebasiella**

**Ledelia** Lucas 20–380  
 (Necrobioides Gahan 10–76)<sup>33</sup>  
 \* discoidea (Lee.) 81–77<sup>39</sup> N.M. Ariz.  
 janthina Lee. 66–99<sup>39</sup> L.Cal.  
 maculicollis Lee. 74–63<sup>39</sup> Cal.  
 filiolus Chev. 74–326<sup>39</sup>  
 lineatocolle Chevr. 74–326<sup>39</sup>  
 v.nigricollis Wole. 27–110<sup>39</sup> Cal.

**Necrobia** Oliv. 95–5  
 \* (Agnolia M. & R. 63–122)<sup>33</sup>  
 ?mesosternalis Schffr. 08–135 Ariz. Mex.  
 ruficollis Fab. 75–57 Cosmop.  
 v.knochii Kolbe 12–9<sup>34</sup>  
 rufipes Deg. 75–165 Cosmop.  
 amethystina Steph. 32–417<sup>34</sup>  
 dermestoides P. & M. 83–68<sup>34</sup>  
 foveicollis Schkg. 00–20<sup>34</sup>  
 glabra Champoll. 14–41<sup>34</sup>

<sup>39</sup> Transferred from Korynetes, Wolcott—47.

<sup>45</sup> Key to species, Wolcott—44.

<sup>47</sup> Revision, Arnett—48.

<sup>48</sup> Key to Pacific Coast species, Van Dyke—46.

<sup>49</sup> Key to species, Liljeblad—45.

mumiarum Hope 34–54<sup>34</sup>  
 pilifera Ritter 94–85<sup>34</sup>  
 v.aeneipennis Csiki 00–124<sup>34</sup> Cosmop.  
 violacea L. 58–356  
 angustata Falz. 35–210<sup>34</sup>  
 chalybea Sturm 37–43<sup>34</sup>  
 errans Melsh. 46–307<sup>34</sup>  
 quadra Marsh. 02–323<sup>34</sup>

**Opetiopalpus** Spin. 44–110  
 \* (Opetiopselaphus G. & H. 69–1759)<sup>33</sup>  
 luridus Spin. 44–113<sup>40</sup> ?N.A.

**ŒDEMERIDÆ**

**Rhinoplatia** Horn 68–137<sup>47</sup>  
 \* mortivallicola Arnett 48–243 Cal.  
 ruficollis Horn 68–138 Nev. Cal.

**Aslera**<sup>48</sup>  
 auripilis Vand. 46–81 Cal.

**MORDELLIDÆ**<sup>56</sup>

**Tomoxia** Costa 54–8<sup>49</sup>  
 \* inclusa Lec. 62–45 Me.–Md.–Mich.–Ont.  
 borealis (Lee.) 62–46<sup>50</sup> N.B.–Pa.–Colo.  
 lineella Lec. 62–45 NB.–Md.–C.St.  
 fascifera (Lee.) 78–427<sup>50</sup> D.C. Fla. Tex.  
 undulata (Melsh.) 46–316<sup>50</sup> Me.–Md.–Ill.  
 serval (Say) 35–191<sup>50</sup> e.St.  
 triloba (Say) 24–139<sup>50</sup> Vt.–Ala.–Kan.  
 carinata (Smith) 83–3<sup>50</sup> Fla.–Tex.  
 discoidea (Melsh.) 46–315<sup>50</sup> N.Y.–Tenn.–  
 [Iowa

v.flaviventris (Smith) 83–3<sup>50</sup> Fla. Tex.

\* \* \* latipalpis Ray 46–90 Fla.

**Glipa** Lee. 59–17<sup>49</sup>  
 \* hilaris (Say) 35–190 Pa.–Tex.  
 oculata (Say) 35–190<sup>50</sup> Pa.–Ga.–Mich.–  
 jovialis (Lee.) 78–428<sup>51</sup> [Tex.  
 octopunctata (Fab.) 75–263<sup>50</sup> N.Y.–Tex.  
 bidentata (Say) 23–277<sup>52</sup> Me.–N.C.–Kan.  
 inflammatia (Lee.) 62–46<sup>50</sup> Fla.  
 perlineata (Fall) 07–254<sup>50</sup> N.M. Ariz.  
 \* \* \* hieroglyphica Sz. 78–372<sup>53</sup> Fla.

**Mordella**<sup>49</sup>  
 (Sphaleria Lee. 59–17)<sup>51</sup>  
 signata Champ. 91–276 N.M.<sup>51</sup> C.A.  
 schwarzi Lilj. 45–34 Fla.  
 capillosa Lilj. 45–35 Colo.  
 pubescens Lilj. (not Fab.)<sup>51</sup> Fla.  
 cinereoatra Lilj. 45–41 Pa.  
 marginata Melsh. 46–312 Pa.  
 v.lineata Melsh. 46–313<sup>51</sup> Pa.  
 invisitata Lilj. 45–48 Fla.  
 novemnotata Ray 44–118 Ariz. Mex.  
 latemaculata Ray 44–122 Tex. Mex.  
 pretiosa Champ. 91–302 Tex.<sup>54</sup> Mex.  
 brevistylis Lilj. Tex.<sup>54</sup>

<sup>50</sup> Transferred from Mordella by Liljeblad—45.

<sup>51</sup> Liljeblad—45.

<sup>52</sup> Transferred from Tomoxia by Liljeblad—45.

<sup>53</sup> Valid species, Ray—39.

<sup>54</sup> Ray—46.

## MORDELLIDAE

quadripunctata Say	Colo. <sup>54</sup>	viridescens Lilj.	Fla.
fuscoinerea Fall	Utah <sup>54</sup> Ariz.	wenzeli Lilj.	Ga.
longipalpis Ray 46-121	III.	aranda Lec.	Mass.-Va.-Mich. Ariz.
<b>Isotrilophus</b> Lilj. 45-18		rutila Lilj.	[Tenn.]
erratica (Smith) 83-80 <sup>55</sup>	Ark. <sup>54</sup> Fla. Tex.	knausi Lilj.	Utah
ebenina (Champ.) 91-306 <sup>51</sup>		frosti Lilj.	Me. Que. <sup>54</sup>
<b>Glipodes</b>		incipennis Smith 82-91	N.Y. Ga. O.
sericans Melsh.	Ark. <sup>54</sup>	dietrichi Ray 46-94	[Tenn.]
<b>Comalia</b> M. & R. 58 313		lateralis Ray 46-95	Miss.
helva (Lec.) 62-18 <sup>57 58</sup>	Mass.-Fla.-Kans.	heterocolor Ray 46-96	Fla.
melanops Ray 46-91	Que.	splendens Smith 82-95	N.C. <sup>54</sup> Fla. Ill.
<b>Mordellistena</b> <sup>49</sup>		<i>splendens</i> of authors	
fuscopennis (Melsh.) 46-314	N.S.-Va.-	rufa Lilj.	Ill. Ala. <sup>54</sup>
pityptera Lec. 62-51 <sup>51</sup>	[Mich.]	mixta Ray 46-97	Ill.
badia Lilj.	Kan.	incommunis Lilj.	Man. Mich.
lodgingi Lilj.	Ala.	21-185	[Tenn.]
husseyi Lilj.	Tex.	masoni Lilj.	N.J. Conn. <sup>54</sup> N.C. <sup>54</sup>
texana Smith 82-98		fuscopennis Melsh.	Ill. <sup>54</sup>
insolita Lilj.	17-11 <sup>51</sup>	vera Lilj.	Mo. S.C. <sup>54</sup>
caliginosa Lilj.	Utah	gigas Lilj.	Ill. N.Y. <sup>54</sup> Que. <sup>54</sup>
tantula Lilj.	Cal.	fuscous-atra Helm.	Ill. N.Y. <sup>54</sup>
palmi Lilj.	Ariz.	smithi Dury 02-177	Md.-Ill.-Ark. <sup>54</sup>
blandula Lilj.	Cal.	sericans Fall	Cal. <sup>54</sup>
parva Lilj.	Mich.	incommunis Lilj.	Wyo. <sup>54</sup>
blatchleyi Lilj.	Tex.	terminata Ray 46-48	Okla.
discolor (Melsh.) 45-313 <sup>59</sup>	Ga. <sup>54</sup> Ohio <sup>54</sup>	arcuata Ray 46-49	Tex.
cinereo-fasciata Smith 82-98 <sup>51</sup>	[Ill. <sup>54</sup> Fla.]	neocincta Ray 46-42	Tex. Ariz.
wolcotti Lilj.	Ariz.	sparsa Champ.	Mex. Cal. <sup>54</sup>
rubrifascia Lilj.	Ind. Ill. Ohio	91-335	Ariz.
rufilabris Lilj.	Cal.	huachucaensis Ray	Wash. Ore.
pullata Lilj.	Cal.	diversa Ray	Ariz.
nigella Lilj.	Cal.	humerosa Ray	Ariz.
minutalis Lilj.	Cal.	smithi Dury 02-177	Md.-Ill.-Ark. <sup>54</sup>
andreae Lee.	Cal.	uniformis Ray	Ill.
grammica Lee.	c.St. Ga.	46-122	
v.aneilla Lee.	62-50 <sup>51</sup>	idahoensis Ray	Ida.
varians Lee.	Mass.-Fla.-Ill.	46-124	
v.ustulata Lee.	62-50 <sup>51</sup>	neofascia Ray	Ariz.
cervicalis Lee.	c.St. s.St.	infima Lee.	Ariz.
picicornis Lee.	Me.-N.C.	tiara Ray	
auricoma Helm.	65-96 <sup>51</sup>	36-127 <sup>54</sup>	
exilis Lilj.		yumae Ray	Ariz. Cal.
comata of Smith (not Lec.) <sup>51</sup>		leonardi Ray	Fla. Miss.
scapularis (Say) 24-277	N.S.-Md.-Mich.	46-128	Ore.
bitplagiata Helm.	64-105 <sup>51</sup>	fenderi Ray	Tenn.
pauxilla Lilj.	III.	47-121	
paradisa Lilj.	Fla.	suturalis Ray	Kan. Ore. Wash.
nebulosa Lilj.	Ohio	47-124	Ariz.
argenteola Lilj.	Utah Ariz.	bihirosuta Ray	Ariz.
egregia Lilj.	Cal.	47-125	Ariz.
trifasciata (Say) 26-243	Me. Ala. Mich.	arizonensis Ray	Ariz.
nigricollis Helm.	64-105 <sup>51</sup>	47-126	Ariz.
lepidula Lee.		pilosella Ray	Ariz.
amica Lee.	62-49 <sup>51</sup>	47-127	Mich.
sexnotata Dury 02-176	Ky. N.M.	Y-notata Ray	Fla.
festiva [ Fall] 07-255 <sup>51</sup>		47-129	
falli Csiki 15-34 <sup>51</sup>		malkini Ray	

<sup>49</sup> Key to species, Liljeblad—45.<sup>51</sup> Liljeblad—45.<sup>54</sup> Ray—46.<sup>55</sup> Transferred from *Mordellistena* by Liljeblad—45.<sup>56</sup> Key to subfamilies, Liljeblad—45. (with key to genera of *Mordellini*).AN-ASPINI<sup>60</sup>**Diciolia**<sup>61</sup>

semaculata Lilj. 45-189

Ariz.

obscura Lilj. 45-191

Ariz.

spinea Lilj. 45-193

Ariz.

sordida Lilj. 45-195

Ariz.

**Pentaria** Muls. 56-391<sup>61</sup>(*Anthobates* Lec. 50-231)<sup>54</sup>

(not Gistl, 1847)

(*Anthobatula* Strand 29-23)<sup>54</sup>bicincta Champ. 90-254 Tex.<sup>54</sup> Ariz.<sup>54</sup>

[Mex.]

brunneipennis Champ. 90-253 Tex.<sup>54</sup> Mex.Colo.<sup>54</sup> Tex.<sup>57</sup> Transferred from *Glipodes* by Liljeblad—45.<sup>58</sup> Transferred from *Glipodes* by Ray—46.<sup>59</sup> Ray—46, dates these species 1946, but the paper was received at the U.S.N.M. in 1945.<sup>60</sup> Key to genera, Liljeblad—45.<sup>61</sup> Key to species, Liljeblad—45.

fuscula Lec.	62-44	Colo. <sup>54</sup>	N.M.	Tex.			
decolor Champ.	91-256			Tex. <sup>54</sup>	Nex.		
<b>Anaspis</b> <sup>61</sup>							
seposita Lilj.	45-211	B.C.					
beardsleyi Lilj.	45-214	Cal.					
duryi Lilj.	45-216	Cal.					
<b>Nauclæs</b> Champ.	91-257	Utah.	Tex.-Cal.				
pusio (Lec.)	58-76	Cal. <sup>51</sup>	Guat.				
tibialis Champ.	91-257						
basalis Champ.	91-257	Tex. <sup>51</sup>	Guat.				
<b>Silaria</b> Muls.	56-426	B.C.					
revelstokei Lilj.	45-219						
<b>Larisia</b> Emery	76-13	Alt.					
nigricolor Lilj.	45-221						
<b>Nassipa</b> Emery	76-13	B.C.					
hoppingi Lilj.	45-222						
<b>Sphingocephalus</b> Lilj.	45-206	Fla.					
ovalis Lilj.	45-206						
<b>RHIPIDIORIDI-F</b>							
<b>ventralis</b> Werner	45-444						
magnamaculata Martin	32-169						
corvina (Lec.)	58-21						
<i>nigerrima</i> Dugès	69-162	<sup>66</sup>					
funebris Horn	73-102		Kan.-Tex.-N.M.				
pensylvanica (Deg.)	75-15		Me.-Fla.-				
<i>nigra</i> Woodh.	00-213	<sup>66</sup>	[Tex.-				
<i>pennsylvanica</i> Lec.	53-329	<sup>66</sup>	[Mont.				
<i>morio</i> Lee.	53-447	<sup>66</sup>					
<i>conferta</i> (Say)	24-281		Iowa-Tex.				
<i>technicus</i> (Hald.)	52-377	<sup>66</sup>					
<i>parva</i> (Hald.)	52-377		Colo. Kan. Neb.				
<i>fallax</i> Horn	85-111						
<i>albolineata</i> (Dugès)	77-64		Nev. Cal.				
<i>duplicata</i> Csý.	91-172	<sup>66</sup>	Ariz. Mex.				
<i>uniforma</i> Werner	44-67		Colo. Tex. Ariz.				
<i>alpina</i> Werner	44-67						
<i>mimetica</i> (Horn)	75-154		Tex. N.M.				
<i>brunnea</i> Werner	44-67						
<i>ingrata</i> Fall	07-258		Tex. Ariz.				
<i>einerea</i> (Forst.)	71-62		Colo. Tex. Ariz.				
<i>clematides</i> (Woodh.)	00-213	<sup>66</sup>	Colo. N.M. Ariz.				
<i>fissilabris</i> (Lee)	50-339		N.H.-S.C.-Ia.				
			Man. I-Sup.				

## RHIPIDORIDE

**Ripiphorus** Fourc. 91-327  
 (Rhipiphorus Bosc 92-293)<sup>63</sup>  
*dammersi* Barb. 39-19 Cal.  
**Ripidius** Thunb. 06-5  
 (Rhipidius of authors)<sup>63</sup>

**STYLOPID.E** <sup>64</sup>  
 (*Strepsiplera*, *Xenidae*)

**Diozocera** <sup>65</sup>  
*comstocki* Pierce 41-6 W. Anacapa I.  
 [(Cal.)]

solani Werner 45-457 Atl.St.-Rocky Mts.  
*floridensis* Werner 44-68 N.J. Fla. Miss.  
*ruidosana* Fall 07-258 Tex. Ariz.  
*punctipennis* Werner 44-68 Tex.  
*balli* Werner 44-460 Ariz.  
*oregona* Horn 75-153 Mont.-Colo.-Ariz.-  
 [B.C.]  
*ensiformis* Werner 44-68 Cal.  
*stuarti* Lee. 68-54 Kan. Colo. N.M.  
*lemniscata* (Fab.) 01-279 N.J.-Fla.-  
 [Tex.-Neb.  
*vittata* (Fab.) 75-260 Me.-N.J.-Iowa  
*chapmani* (Woodl.) 00-214 <sup>66</sup>  
*occidentalis* Werner 44-69 Neb.-La.-Tex.  
*ferruginea* (Say) 23-298 Iowa-Tex.-

## MELOID.E

<b>Epicauta</b> Dej. 33-224		<i>nigricornis</i> (Melsh.) 47-53 <sup>66</sup> [Miss.
* ( <i>Causima</i> Dej. 37-248) <sup>66</sup>	batesii Horn 75-153	N.J.-Fla.
( <i>Henous</i> Hald. 52-377) <sup>66</sup>	<i>callous</i> Lec. 66-158	Neb.-Tex.
( <i>Isopentra</i> Muls. 58-106) <sup>66</sup>	<i>sericans</i> Lec. 66-158	Ala.-Ariz.-Alb.
( <i>Macrobasista</i> Lec. 58-39) <sup>66</sup>	<i>atrata</i> (Fab.) 75-260	Md.-N.C.-Tex.-
( <i>Apterospasta</i> Lec. 58-39) <sup>66</sup>	<i>trichrus</i> (Pallas) 89-100 <sup>66</sup>	[Neb.
( <i>Nomaspis</i> Lec. 66-156) <sup>66</sup>	<i>coracina</i> (Ill.) 04-171 <sup>66</sup>	
( <i>Gnathospasta</i> Horn 75-154) <sup>66</sup>	<i>convolvuli</i> Melsh. 48-53 <sup>66</sup>	
abadona Skinn. 04-217	<i>trichura</i> Wellm. 10-24 <sup>66</sup>	
<i>mutchleri</i> Mayd. 34-331 <sup>66</sup>	<i>pruinosa</i> Lec. 66-158	Man.-Colo.-Wash.
<i>abandonata</i> Mayd. 34-331 <sup>66</sup>	<i>immerita</i> Walker 66-330	Ore.-B.C.
alastor Skinn. 04-217	<i>piceiventris</i> Mayd. 34-327	Colo.-Ida.
<i>Colo.</i> Tex. Cal.	<i>elongatocalcarata</i> Mayd. 34-328 <sup>66</sup>	
insignis Horn 85-110	<i>Tex.-Ariz.</i>	
<i>nigritarsis</i> (Lec.) 53-340	<i>Tex. N.M.</i>	
<i>erassitarsis</i> Mayd. 35-72	<i>Ariz.</i>	
<i>pedalis</i> Lee. 66-157	<i>Ariz. L.Cal.</i>	
<i>maculata</i> (Say) 23-298	<i>Mo.-N.D.-Tex.-</i>	
<i>conspersa</i> Lee. 53-340 <sup>66</sup>	<i>[Ariz.</i>	
<i>nogales</i> Werner 44-65	<i>Ariz.</i>	
<i>normalis</i> Werner 44-65	<i>Mont.-Ariz.-Cal.</i>	
<i>phoenix</i> Werner 44-66	<i>Ariz.</i>	
<i>pardalis</i> Lec. 66-157	<i>Tex.-Ariz. Mex.</i>	
<i>andersoni</i> Werner 44-66	<i>Kan.-Tex.-Ariz.</i>	
	<i>oblita</i> (Lec.) 51-162	Cal.
	<i>barberi</i> Werner 44-69	Cal.
	<i>kansana</i> Werner 44-70	Kan.
	<i>calcarata</i> Werner 44-70	Tex. N.M.
	<i>heterodera</i> Horn 91-43	Ga.-Fla.-Miss.
	<i>watsoni</i> Blatch. 18-58 <sup>66</sup>	
	<i>californica</i> Werner 45-479	Cal.
	<i>maura</i>    (Lec.) 51-162 <sup>66</sup>	

<sup>62</sup> Transferred from *Anaspis* by Liljeblad—45.

63 Barber—39.

<sup>64</sup> Not a separate order, Blackwelder—45.

<sup>65</sup> Transferred to Halictophagidae by Pierce—41.  
<sup>66</sup> Werner—45; revision of genus.



## ELATERIDÆ

Plastocerinae<sup>78</sup>

- Plastocerus**  
 campanulatus VanD. 46–82  
 gracilior VanD. 46–82  
 jeffersonianus Knoll 41–381  
 coronadi Knoll 41–381

- Euthysanius**<sup>78</sup>  
 wagneri VanD. 43–42

- Aplastus**<sup>78</sup>  
 piceus VanD. 43–43  
 acutus Knoll. 46–142

\* \* \*

- Laeon** Lap. 36–11<sup>79</sup>

- Adelocera** Latr. 29–401<sup>79</sup><sup>80</sup>  
 mexicana Cand. 57–70 ?Fla. Ariz. Mex.  
 nobilis Fall 32–58<sup>81</sup>

- Conoderus** Esch. 29–31  
 (*Conoderes* Leng & M. 33–83)  
 HETERODERES Latr. 34–155  
 laurentii Guér. 38–31<sup>81</sup><sup>82</sup> Fla. Ala. Cal.  
 [S.A.]  
 ampicollis of VanD. 32–298<sup>81</sup><sup>82</sup>  
 attenuatus Cand. 59–373<sup>81</sup>  
 fuscous Blatch. 25–163<sup>82</sup>  
 fucus VanD. (Fall 34–9)<sup>82</sup>  
 plandiscus Fall 29–56<sup>82</sup>  
 arizonicus VanD. 39–11  
 bicarinatus VanD. 32–297<sup>81</sup><sup>82</sup>  
 (not Reitter, 1891)  
 duplicatus VanD. 43–44

- Limonioides**  
 meridianus Knoll 47–177 Ohio  
 pubicollis Lec. 53–429<sup>83</sup> Fla.–Tex.  
 olentangyi Knoll 47–179 Ohio  
 infuscatus Mots. 59–371 ?Ariz.<sup>81</sup> Cal.–  
 [Wash.]  
 canus Lec. 53–433<sup>81</sup> Cal. Wash.  
 discoideus Lec. 61–348<sup>81</sup> Cal.  
 cibriceps VanD. 43–44 Ariz.  
 arizonicus VanD. 43–45 Ariz.  
 rufihumeralis Lane 41–133 Alb.–Ore.  
 lanchesteri Lane 41–135 Ida.  
 humidus Lane 41–137 Ore. Wash.

- Denticollis** P. & M. 83–86<sup>84</sup>  
 (*Lepturoides* Hbst. 84–103)<sup>84</sup>

- Cteniceridae** Latr. 29–403<sup>84</sup>  
 (*Ludius* Esch. 29–34)<sup>84</sup>  
 sierræ (VanD.) 43–48 Cal.  
 nigricans (Fall) 10–135<sup>85</sup> Cal.  
 rotundicollis (Say) 25–259 Vt.–Ind.  
 s.diversicolor (Esch.) 29–34<sup>86</sup> Cal.  
 laricis (W.Brown) 39–46 B.C.

<sup>78</sup> Transferred from Cebrioniidae by Van Dyke —43.

<sup>79</sup> Transpose these two names, Dietrich—45 and M. C. Lane in litt.

<sup>80</sup> Placed in subfamily Elaterinae by Van Dyke —43.

<sup>81</sup> Van Dyke—43.

<sup>82</sup> Van Dyke—39.

<sup>83</sup> Valid species, Knoll—47.

- comes (W.Brown) 39–48 B.C. Ore.  
 captiosus (W.Brown) 39–49 Ida.  
 angusticollis Mannh. 43–241 (not 43–271)<sup>87</sup>  
 robinsoni (Knoll) 47–180 Tex.

- Hypolithus** Esch. 29–33<sup>84</sup>  
 (*Cryptohypnus* Esch. 36–105)<sup>84</sup>  
 (*Hypnoidus* Steph. 30–200)<sup>84</sup>

- Dalopius**  
 allegheniensis Knoll 47–90 Pa. Ohio  
 ohioensis Knoll 47–91 Ohio

- Melanotus**  
 longulus Lec.<sup>85</sup>  
 oregonensis Lec.<sup>85</sup>  
 oregonus VanD. 43–51

## MELASIDÆ

- Ixorhipis** B. & L. 35–620<sup>88</sup>  
 obliqua (Say) 39–187  
 ruficornis of authors<sup>89</sup>

- Fornax**  
 orchesides Newm. 38–384  
 molestus Bonv. 70–376<sup>90</sup>  
 canadensis Brown 40–184 Ont.

- Dirhagus** Latr. 34–130  
 (*Hyporhagus* Rtr. 21–81, subg.)<sup>91</sup>  
 (*Microrhagus* B. & L. 35–620)<sup>91</sup>  
 wrighti Knoll 46–246 Fla.  
 imperfectus (Lec.) 52–48 Mass.–Ohio<sup>92</sup>

- Hylis** Gozis 86–21  
 (*Hylus* VanD. 43–51)  
 HYPOCELUS Esch. 36–4<sup>81</sup>  
 robustus VanD. 43–51 Cal.  
 arizonicus VanD. 45–103 Ariz.

## BUPRESTIDÆ

- Acmæoderidae**  
 holsteni White 39–71 Cal.  
 perlanosa Timb. 39–179 Cal.  
 palmarum Timb. 39–181 Cal.  
 perforata Cazier 40–17 Tex.  
 inyoensis Cazier 40–18 Nev.<sup>99</sup> Cal.  
 fisheri Cazier 40–19 Cal.  
 ligulata Cazier 40–20 N.M. Ariz.  
 parkeri Cazier 40–22 Ariz. Mex.  
 discalis Cazier 40–24 Ariz. Tex.  
 pullata Cazier 40–57 Cal.  
 barri Cazier 40–58 Cal.  
 tuta Horn 78–11 Nev.<sup>99</sup>  
 duboisi Cazier 38–138<sup>93</sup>

- paradisjuncta Knoll 40–36 Tex. Mex.

- gillesiensis Knoll 41–98 Tex.

- adenostomensis Knoll 41–691 Cal.

- curtilata Knoll 41–692 Cal.

- <sup>84</sup> Dietrich—45 and M. C. Lane in litt.

- <sup>85</sup> Valid species, Van Dyke—43.

- <sup>86</sup> Valid subspecies, Van Dyke—43.

- <sup>87</sup> W. J. Brown—39.

- <sup>88</sup> Citation from Blackwelder—44.

- <sup>89</sup> W. J. Brown—40.

- <sup>90</sup> Blackwelder—44.

- <sup>91</sup> Knoll—46.

- <sup>92</sup> Cazier—40.

- <sup>93</sup> Barr—41.

## BUPRESTID.E

yumae Knull <sup>94</sup>	Ariz. Cal. <sup>99</sup>	disjuncta Fall	Tex. <sup>99</sup>
ephedrae Barr 42-113	Cal.	falli Kerr.	Tex. <sup>99</sup>
linsleyi VanD. 43-101	Cal.	opacula Lec.	N.M. <sup>99</sup>
moronga VanD. 43-102	Cal.	rossi Cazier	Ariz. Cal. <sup>99</sup>
lucana VanD. 42-103	L.Cal.	jaguarina Knull	Ariz. Cal. <sup>99</sup>
lagunae VanD. 45-101	L.Cal.	pinalorum Knull 30-15	Ariz. Cal. <sup>99</sup>
transversa VanD. 45-105	L.Cal.	sinuata VanD.	Ore. <sup>99</sup>
nautica VanD. 45-106	Cal.	v.sexnotata VanD.	
fisheri Cazier			
v.vermiculata Knull 47-174	Ariz. Cal.		
opacula Lec. 58-82	N.M. <sup>99</sup>		
<i>amabilis</i> Horn 78-7 <sup>93</sup>			
cribricollis Horn 94-375	Nev. <sup>99</sup> Ariz. Cal.	Acmacoderoides VanD. 42-108	
<i>barrexi</i> Fall 07-241 <sup>93</sup>		<i>insignis</i> (Horn) 94-377 <sup>3</sup>	Cal. L.Cal.
conata Lec. 58-70	Ariz. <sup>99</sup>		
<i>comata</i> Lec. 63-13			
acuta Lec.	Utah <sup>99</sup> Ore. <sup>95</sup>		
angelica Fall	Ore. <sup>95</sup>		
v.nexa Fall 22-89 <sup>98</sup>	Ore. <sup>95</sup> <sup>99</sup>		
bishopiana Fall	Ore. <sup>95</sup>		
fenyesi Fall	Ore. <sup>95</sup>		
gemina Horn	Ariz. <sup>99</sup> Nev. <sup>99</sup> Ore. <sup>95</sup>		
hepburni Lec.	Ore. <sup>95</sup>		
labyrinthica Fall	Nev. <sup>99</sup> Ore. <sup>95</sup>		
mariposa Horn	Ore. <sup>95</sup>		
plagiaticanda Horn	Ore. <sup>95</sup> <sup>1</sup> <sup>99</sup>		
sinuata			
v.sexnotata VanD.	Ore. <sup>95</sup>		
purshiae Fisher Utah <sup>99</sup> Nev. <sup>99</sup> Cal. <sup>2</sup> Ore. <sup>95</sup>			
<i>purschiae</i> Beer 44-108			
vandykei Fall	Nev. <sup>99</sup> Ore. <sup>95</sup>		
variegata Lec.	Ore. <sup>95</sup>		
<i>varigata</i> Beer 44-109			
flavomarginata Gray	L.Cal. <sup>96</sup> <sup>99</sup>		
seapularis Horn	L.Cal. <sup>96</sup>		
adenostomae Cazier 39-137	Cal.		
biedermani Skinn.	Cal. <sup>99</sup>		
cribricollis Horn	Nev. Ariz. Cal. <sup>99</sup>		
dolorosa Fall	Utah <sup>99</sup>		
flavosticta Horn	L.Cal. <sup>99</sup>		
gemina Horn 78-23	Ariz. Nev. <sup>99</sup>		
wickenburgana Knull 39-28	Ariz.		
gibbula Lec.	Tex. <sup>99</sup> L.Cal. <sup>96</sup> <sup>99</sup> Mex. <sup>99</sup>		
hepburni Lec.	Nev. <sup>99</sup>		
hulli Knull	Cal. Ariz. Mex. <sup>99</sup>		
insignis Horn	Cal. <sup>97</sup> <sup>99</sup> Ariz. <sup>99</sup>		
junki Théry	Cal. Ariz. Tex. <sup>99</sup>		
kanata Horn	Nev. <sup>99</sup>		
latiflava Fall	Nev. <sup>99</sup>		
lucia Fall	N.M. Utah <sup>99</sup>		
quadrivittata Horn	N.M. Colo. Utah		
robusta Horn	Mex. <sup>99</sup>		
v.rubrosuffusa Fall	Nev. <sup>99</sup>		
<i>s.dubiosa</i> Cazier 39-138	Cal.		
sabina Knull	Cal. <sup>99</sup>		
vulturei Knull	Ariz. <sup>99</sup>		
bivulnera Horn	Ariz. Mex. <sup>99</sup>		
bowditchi Fall	Tex. Utah <sup>99</sup>		

<sup>94</sup> Not a variant of aurora Fall, as supposed by Cazier, Knull—41.

<sup>95</sup> Beer—44.

<sup>96</sup> Van Dyke—45.

<sup>97</sup> Timberlake—39.

<sup>98</sup> White—39.

<sup>99</sup> Barr—41.

<sup>1</sup> Beer—40.

<sup>2</sup> Linsley & Michener—43.

<sup>3</sup> Transferred from Acmacoderida by Van Dyke—42.

disjuncta Fall	Tex. <sup>99</sup>
falli Kerr.	Tex. <sup>99</sup>
opacula Lec.	N.M. <sup>99</sup>
rossi Cazier	Ariz. Cal. <sup>99</sup>
jaguarina Knull	Ariz. Cal. <sup>99</sup>
pinalorum Knull 30-15	Ariz. Cal. <sup>99</sup>
sinuata VanD.	
<i>v.sexnotata</i> VanD.	Ore. <sup>99</sup>

*Acmacoderoides* VanD. 42-108

*insignis* (Horn) 94-377 <sup>3</sup>

Cal. L.Cal.

*Paratynaris*

*grassmanni* Parker 47-31

Ariz.

*olneyae* Skinn.

Ariz. L.Cal.<sup>4</sup> Cal.<sup>4</sup>

*olneya* VanD. 45-109

*s.grandalli* Knull 11-694

Tex.

*albofasciata* Knull

L.Cal.<sup>4</sup>

*SCHIZOPINI* <sup>5</sup> <sup>8</sup>

*Schizophorus* <sup>6</sup>

\* (Yermoëlla Obenb. 39-263)<sup>7</sup>

*laetus* Lec. 58-70

*helferi* (Obenb.) 39-264 <sup>7</sup>

*sallei* Horn 85-145

*Glyptoscelimorphia* Horn 93-137

\* *marmorata* Horn 93-137

*viridis* Chamb. 31-47

*Dystaxia* Lec. 86-385

\* *elegans* Fall 05-71

*Dystaxiella* Knull 40-362

\* *juniperae* Knull 40-362

*murrayi* Lec. 66-385

*lecontei* Thoms 79-6 <sup>7</sup>

*s.cuprea* Knull 47-72

\* \* \*

*Agaoocera*

*gentilis* Horn.

Tex. N.M. Mex.<sup>4</sup>

*s.peninsularis* VanD. 45-107

L.Cal.

*Hippomelas*

*carolinensis* Horn 83-288 (not 76-288)<sup>9</sup>

*femorata* Knull 41-386

Cal.

*pygmaea* Knull 41-386

Tex.

*brunneata* Knull 47-210

Cal.

*NANULARIA* Cs. 09-172 <sup>10</sup>

*granulatus* VanD. 42-111

L.Cal.

*inyoensis* VanD. 42-112

Cal.

*cupreofusca* (Cs.) 09-173 <sup>10</sup>

Cal.

*californica* (Horn) 75-147 <sup>10</sup>

Cal.

*Dicerca* <sup>11</sup>

*divaricata* (Say) 23-163 (not 23-13)<sup>9</sup>

*quereli* Knull 41-694

Cal.

*s.cajonensis* Knull 44-90

Cal.

*strandtmanni* Knull 47-174

Tex.

*Hesperorhipis* <sup>11a</sup>

*hyperbolus* Knull 38-137

Ariz.

*s.californicus* Knull 47-70

Cal.

<sup>4</sup> Van Dyke—45.

<sup>5</sup> Key to tribe, Obenberger—39.

<sup>6</sup> Key to species, Cazier—39.

<sup>7</sup> Cazier—41.

<sup>8</sup> Rearrangement, Cazier—41.

<sup>9</sup> W. J. Chamberlin in litt.

<sup>10</sup> Transferred from Buprestini, Van Dyke—42.

<sup>11</sup> In 4th Supplement, footnote 8 should read

Van Dyke—34.

<sup>11a</sup> Obenberger—39; revision.

**Cinyra**

*cuprescens* Knull 40-363  
*roburella* Knull 41-99

**Buprestis** L. 58-408

- \* *(Ancylochira* Esch. 29-9)<sup>12</sup>
- (Gymnota* Gistl 34-10)<sup>12</sup>
- (Anoplis* Kby. 37-151)<sup>12</sup>
- (Slerosa* Csy. 09-116, subg.)<sup>12</sup>
- (Cypracioides* Csy. 09-116, subg.)<sup>12</sup>
- apricans* Hbst. 01-125 N.Y.-Fla.-Tex.  
*nigricornis* (Sturm) 26-105<sup>12</sup>
- aciculata* Dej. 37-88<sup>12</sup>
- boscii* L. & G. 37-146<sup>12</sup>
- cristipennis* Csy. 09-127<sup>12</sup>
- decora* (Fab.) 75-217 N.J.-Fla.-Tex.
- salisburyensis* (Hbst.) 01-174 Mass.-Ga.-  
*ultramarina* Say 36-160<sup>12</sup> [Wis.  
*decora* of Csy. 09-127<sup>12</sup>
- s.cazieri* Helfer 46-100 NY, N.J.
- aurulenta* L. 67-661 Wyo.-Mex.-Cal.-  
*lauta* (Lec.) 54-17<sup>12</sup> [B.C.  
*radians* (Lec.) 54-17<sup>12</sup>
- villosa* (Lec.) 73-331<sup>12</sup>
- fabulosa* Csy. 09-120<sup>12</sup>
- emula* Csy. 09-121<sup>12</sup>
- tacoma* Csy. 09-121<sup>12</sup>
- nupta* Csy. 09-122<sup>12</sup>
- venusta* Csy. 09-122<sup>12</sup>
- prospera* Csy. 09-123<sup>12</sup>
- affinis* Csy. 09-123<sup>12</sup>
- adulans* Csy. 09-123<sup>12</sup>
- bicostata* Dej. 37-88<sup>12</sup>
- chrysochlora* (Phil.) 64-314<sup>12</sup>
- sulcicollis* (Lec.) 59-209 N.S.-N.J.-Que.  
*lateralis* Csy. 09-119<sup>12</sup>
- striata* (Fab.) 75-217 Que.-Fla.-Tex.-  
*obscura* Csy. 09-125<sup>12</sup> [Ont.  
*impedita* Say 36-160<sup>12</sup>
- canadensis* Csy. 09-124<sup>12</sup>
- intricata* Csy. 09-118 Wyo. N.M. Cal.  
*contorta* Hopp. 33-84<sup>12</sup> [B.C.  
*murrayana* Hopp. 34-174<sup>12</sup>
- adjecta* (Lec.) 54-17 Wyo.-N.M.-Cal.-  
*brevis* Csy. 09-117<sup>12</sup> [B.C.
- connexa* Horn 75-148 Nev. Cal.-Wash.
- langi* (Mannh.) 43-237 H.B.T.-N.M.-  
*ornata* Walk. 66-324<sup>12</sup> [Cal.-B.C.  
*bistrinotata* Csy. 09-108<sup>12</sup>
- angusta* Csy. 09-108<sup>12</sup>
- callida* Csy. 09-108<sup>12</sup>
- fastidiosa* Csy. 09-109<sup>12</sup>
- mediocris* Csy. 09-109<sup>12</sup>
- crenata* Csy. 09-110<sup>12</sup>
- sedentaria* Csy. 09-110<sup>12</sup>
- leviceps* Csy. 09-110<sup>12</sup>
- depressa* Csy. 09-111<sup>12</sup>
- viridimicans* Csy. 09-111<sup>12</sup>
- incolunis* Csy. 09-112<sup>12</sup>
- oregona* Csy. 09-112<sup>12</sup>
- obliqua* Csy. 09-113<sup>12</sup>
- patruelis* Csy. 09-113<sup>12</sup>
- graminea* Csy. 09-113<sup>12</sup>
- fasciata* (Fab.) 87-177 Que.-Ga.-Wis.  
*sexmaculata* Hausm. 99-30<sup>12</sup>
- sexplagiata* (Lec.) 59-205<sup>12</sup>
- therminieri* Chev. 38-68<sup>12</sup>

<sup>12</sup> Helfer—41; revision of genus. (Parentheses are copied from this paper; they appear to be misapplied.)

Ariz.  
 Tex.

- fulgens* Csy. 09-107<sup>12</sup>  
*fortunata* Csy. 09-107<sup>12</sup>  
*saturata* Csy. 09-114<sup>12</sup>

*lineata* (Fab.) 75-217 N.S.-Fla.-Tex.-Ind.

*davisi* Nic. & W. 18-95<sup>12</sup>

*maculipennis* Gory 40-118 N.J.-Fla.-Tex.

*inconstans* Melsh. 46-146<sup>12</sup>

*deficiens* Csy. 09-91<sup>12</sup>

*fusiformis* Csy. 09-91<sup>12</sup>

*reducta* Csy. 09-92<sup>12</sup>

*scripta* Csy. 09-92<sup>12</sup>

*leporina* Csy. 09-92<sup>12</sup>

*maculiventris* Say 24-272 N.S.-Pa.-

[Okla.-Man.

*sexnotata* L. & G. 37-129<sup>12</sup>

*maculiventris* G. & H. 69-1378<sup>12</sup>

*maura* L. & G. 38-131<sup>12</sup>

*subornata* (Lec.) 59-208 Kan.-Cal.-B.C.

*punctiventris* Csy. 09-99<sup>12</sup>

*rubronotata* Csy. 09-97<sup>12</sup>

*violescens* Csy. 09-99<sup>12</sup>

*adonea* Csy. 09-97<sup>12</sup>

*histrio* Csy. 09-98<sup>12</sup>

*rusticum* (Kby.) 37-151 Man.-Tex.-

*paganorum* (Kby.) 37-152<sup>12</sup> [Cal.-

*lecontei* Saund. 71-40<sup>12</sup> [B.C.

*acomana* Csy. 09-101<sup>12</sup>

*morosa* Csy. 09-101<sup>12</sup>

*fusca* Csy. 09-101<sup>12</sup>

*sublivida* Csy. 09-102<sup>12</sup>

*caliginosa* Csy. 09-102<sup>12</sup>

*nigricans* Csy. 09-102<sup>12</sup>

*lyrata* Csy. 09-103<sup>12</sup>

*adducta* Csy. 09-103<sup>12</sup>

*nuttalli* (Kby.) 37-152 Me.-Va.-Cal.-

*consularis* Gory 40-120<sup>12</sup> [Alas.

*alternans* (Lec.) 59-207<sup>12</sup>

*conicicauda* Csy. 09-93<sup>12</sup>

*diruptans* Csy. 09-94<sup>12</sup>

*contorta* Csy. 09-95<sup>12</sup>

*gravidula* Csy. 09-95<sup>12</sup>

*torva* Csy. 09-96<sup>12</sup>

*boulderensis* Csy. 09-96<sup>12</sup>

*flavopicta* Csy. 09-96<sup>12</sup>

*s.læviventris* (Lec.) 57-43 Ariz. Cal.-

*pugetana* Csy. 09-94<sup>12</sup> [Wash.

*dilatata* Mots. (Lec.) 73-331<sup>12</sup>

*rufipes* (Oliv.) 90-16 Pa.-Fla.-Tex.-Kan.

*virens* Csy. 09-105<sup>12</sup>

*elongata* Csy. 09-105<sup>12</sup>

*gibbsi* (Lec.) 57-42 Cal.-Wash.

*viridisuturalis* Nic. & W. 18-100 Cal. Ore.

*parallela* Obenb. 22-92<sup>12</sup>

*parallelia* Helfer 41-177

*lesnei* Garnett 22-9<sup>12</sup>

*fremontiae* Burke 24-70 Cal.

*confluens* (Lec.) 59-206<sup>12</sup> [Cal.

*tesselata* Csy. 09-104<sup>12</sup>

**Xenorhipis** <sup>11a</sup>

vejdovský Obenb. 39-338 Conn.

**Juniperella** Knoll 47-69

mirabilis Knoll 47-69 Cal.

<sup>13</sup> Considered a valid species by Knoll—47.

## DASCILLID.E

<b>Melanophila</b> <sup>14</sup>			
intrusa Horn	82-105	Ore. <sup>15</sup>	Fla.
occidentalis Obenb.	28-209	Orc. <sup>15</sup>	Ariz.
notata L. & G.			Tex.
a.sloopi Obenb.	44-318	Fla.	N.M.
a.elegans Sloop	<sup>14a</sup>	Ariz.	Tex.
a.horniella Obenb.	44-318	Ga.	Ariz.
a.paupera Obenb.	44-318	N.C.	Cal.
a.opaca Lec.	<sup>14a</sup>	Ga. Fla.	Ariz.
consputa Lec.			Cal.
a.franciscana Obenb.	44-318	Cal.	Cal.
a.ocitanea Obenb.	44-318	Cal.	Cal.
a.chamberlini Obenb.	44-318	Cal.	Cal.
a.isolata Obenb.	<sup>14a</sup>	Cal. Ariz.	Ariz.
a.monochroa Obenb.	<sup>14a</sup>	Cal.	Cal.
<b>PHAENOPS</b>			
californica VanD.			
a.tetrastrictula Obenb.	44-319	Cal.	
a.monostigma Obenb.	44-319	Cal.	
a.vandykeana Obenb.	44-319	Cal.	
horni Obenb.	44-319	N.Y.	
a.immaculatella Obenb.	44-319	N.Y.	
fulvoguttata Harris			
a.octospilota L. & G.	<sup>14a</sup>		
a.pacifica Obenb.	44-320	Cal.	
a.harrisi Obenb.	44-320	Pa.	
a.decolorata L. & G.	<sup>14a</sup>	Cal.	
drummondii Kby.			
a.plagifera Obenb.	44-320	Cal.	
a.lanchesteri Obenb.	44-320	Cal. Ore.	
a.nicolayi Obenb.	44-320	N.H.	
a.quirsfieldi Obenb.	44-320	Ore.	
a.monostictula Obenb.	44-320	Cal.	
a.tristicula Obenb.	<sup>14a</sup>		
s.abictis Ch. & Kn.	<sup>14a</sup>		
lecontei Obenb.			
a.oregonica Obenb.	44-321	Ore.	
a.burkei Obenb.	44-321	Ore. Kan.	
caseyi Obenb.	44-321	Cal.	
vandykei Obenb.	44-321	Cal.	
<b>Anthaxia</b>			
californica Van Dyke	18-54 <sup>15</sup>		
oregonensis Obenb.	42-127	Ore.	
wallowae Obenb.	42-128	Ore.	
neofunerula Obenb.	42-129	N.H.	
<b>Chrysobothris</b> <sup>19</sup>			
lixa Horn	86-101 (not 86-108) <sup>16</sup>	Ore. <sup>15</sup>	
cyanella Horn		Ore. <sup>15</sup>	
calcarata Chamb.		Cal. <sup>17</sup>	
quadrilineata Lec.		Cal.	
debilis Lec.	59-236	Ohio Tex.-Cal.	
disjuncta Lec.	59-236 <sup>18</sup>		
v.lateralis Waterb.	89-47	Tex. L.Cal.	
		[Mex. <sup>18</sup>	
rossi VanD.	42-117	L.Cal.	
michelbacheri VanD.	42-120	L.Cal.	
martha VanD.	42-122	L.Cal.	
chamberlini Fisher	42-40		
calcarata    Chamb.	38-12 <sup>19</sup>		
atriplexae Fisher	42-45	Cal.	
prosopidiae Fisher	42-70	Tex. Ariz.	
helferi Fisher	42-92	Cal.	
neopusilla Fisher	42-102	Va.-W.Va. N.C.	
<sup>14</sup> 4th Suppl. reference in footnote 16 should be Obenberger—36.			
<sup>14a</sup> Obenberger—44.			
<sup>15</sup> Beer—40.			
<sup>16</sup> W. J. Chamberlin in litt.			
<sup>17</sup> Linsley & Ross—40.			
<sup>18</sup> Van Dyke—42.			
<sup>19</sup> Fisher—42; revision of genus.			
<sup>14a</sup> Obenberger—40.			
<sup>20</sup> Malkin—41.			
<sup>21</sup> Van Dyke—45.			
<sup>22</sup> Not Oregon, La Rivers in litt.			
<sup>23</sup> Valid species, Brown—44.			
<sup>24</sup> Brown—44.			

hubbardi Fisher	42-174	Fla.
wickhami Fisher	42-209	Ariz.
fiskei Fisher	42-221	Tex.
ephedrae Knull	42-390	N.M.
culbersoniana Knull	43-34	Tex.
crandalli Knull	43-34	Ariz.
paragrindelia Knull	43-42	Cal.
verdevalis Fisher	43-202	Ariz.
santarose Knull	47-70	Cal.
distincta Gory		Cal. <sup>19a</sup>
chamberlini Obenb.	10-93	Cal.
vandykeana Obenb.	40-94	Cal.
pseudoacutipennis Obenb.	10-94	Tex.
<i>acutipennis</i>    Horn	86-104	

<b>Aetenodes</b> <sup>19</sup>		R.I.-Tex.
simi Fisher	40-176	

<b>Agrilus</b>		
pohtus (Say)	25-251 (not 25-241) <sup>16</sup>	
derasofasciatus B. & L.	35-613	N.Y. <sup>20</sup>
hualpaii Knull	39-30	[Eur.
catalinae Knull	40-556	Ariz.
limpie Knull	41-283	Ariz.
cliftoni Knull	41-382	Ohio.
patagoniensis Knull	41-384	Ariz.
davisi Knull	41-385	Tex.
peninsularis Vand.	42-126	L.Cal.
diopyroides Knull	42-390	Tenn.
frisoni Fisher	43-201	Tex.
palmerlei Knull	44-76	Ariz.
amelanchieri Knull	44-80	Ky.
cladastis Knull	45-80	Cal.
chalcogaster Vand.	46-83	Tex.
gillespiensis Knull	47-70	

<b>Pachyschelus</b>		Tex.
unaldei Knull	41-387	

<b>Taphrocerus</b>		
agriloides Cr.	73-96 (not 73-76) <sup>16</sup>	
schaefferi N. & W.		Ariz. L.Cal. Mex. <sup>21</sup>
huachucanus Knull	44-90	Ariz. N.M.
meredensis White	47-182	Cal.

<b>Mastogenius</b> <sup>11a</sup>		Tex.
knilli Obenb.	39-79	

## ELMID.E

<b>Stenelmis</b>		
sandersoni Musgr.	40-48	
tarsalis Sandn.	38-675	
(not Delève, 1937)		

<b>Elmis</b>		
therinaram Darl.	28-5	Nev. <sup>22</sup>

## DASCILLID.E

<b>Eurypon</b>		
harrisii (Westw.)	62-374 <sup>23</sup>	Que.-Va.-
		[Mich.]
lineato-punctatus (Westw.)	62-375 <sup>24</sup>	

<sup>19</sup> Fisher—42; revision of genus.<sup>14a</sup> Obenberger—40.<sup>20</sup> Malkin—41.<sup>21</sup> Van Dyke—45.<sup>22</sup> Not Oregon, La Rivers in litt.<sup>23</sup> Valid species, Brown—44.<sup>24</sup> Brown—44.



## NITIDULIDÆ

- Brachypterolus**  
*pulicarium* (L.) 58-357  
*mordelloides* Notm. 20-29<sup>33</sup>
- Amartus** Lee. 63-343  
*(Brachyleptus)* Mots. 70-352, not  
 1845<sup>33</sup>
- Anthoneus**
- Carpophilinae**<sup>35</sup>
- Conotelus**
- Brachypeplus** Er. 42-148  
*(Nitidulopsis* Walker 58-206)<sup>33</sup>
- Colopterus**  
*truncatus* (Rand.) 38-18  
*infimus* (Er.) 43-245<sup>33</sup>  
*obliquus* (Lec.) 58-62<sup>33</sup>  
*limbatus* (Lec.) 58-62<sup>33</sup>  
*gerhardi* Dodge 39-290 III.
- Carpophitus**<sup>36</sup>  
*UROPHORUS* Murr. 64-342<sup>33</sup>  
*humeralis* (Fab.) 98-74 Cosmop.  
*picinus* Boh. 51-560<sup>33</sup>  
*foveicollis* Murr. 64-344<sup>33</sup>  
*rickseckeri* Fall 10-124<sup>33</sup>  
*CARPOPHILUS* s.str.  
*pallipennis* Say 23-194 Alb.-Fla. L.Cal.  
*pollens* Shp. 89-300<sup>33</sup> [Mex.  
*pollens* Leng 20-195<sup>33</sup>  
*nigrovittatus* Parsons 43-167 Ariz. Mex.  
*sayi* Parsons 43-171 Que.-Ga.-N.M.-[Man.  
*obsoletus* Er. 43-259 Cal.<sup>33</sup> Old World  
*cribellatus* Mots. 58-41<sup>33</sup>  
*strigipennis* Mots. 58-41<sup>33</sup>  
*funereus* Rtrr. 84-259<sup>33</sup>  
*brevipennis* (Blanch.) 42-64 Tex.-Ariz.  
*lacerdos* Murr. 64-354<sup>33</sup> [C.A.  
*purpureipennis* Murr. 64-354<sup>33</sup>  
*ignobilis* Fall 10-124<sup>33</sup>  
*dimidiatus* (F.) 92-261 Que.-Fla.-Cal.  
*luridus* Murr. 64-377<sup>33</sup> [Cosm.  
*mutilatus* Er. 43-258<sup>33</sup>
- Nitidulinae**<sup>35</sup>
- Haptoncus**<sup>37 38</sup>  
*californicus* Gillogly 46-22 Cal.
- Epuraea** Er. 43-267<sup>39</sup>  
*(Dadopora* Thoms. 59-68)<sup>33</sup>  
*(Epuræanella* Cr. 71-76)<sup>33</sup>  
*(Omisphora* Rtrr. 75-56)<sup>33</sup>  
*(Micrurula* Rtrr. 84-209)<sup>33</sup>  
*(Micruria* Rtrr. 74-58)<sup>33</sup>  
*liebecki* Parsons 43-189 Ariz.  
*obtusicollis* Rtrr. 73-24 Que.-N.C.-Cal.-  
*ovata* Horn 79-298<sup>33</sup> [Alb.  
*flavomaculata* Mäkl. 53-205<sup>40</sup> N.H.-  
*depressa* of authors<sup>33</sup> [N.M.-Alas.
- NITIDULIDÆ**
- depressa* (Ill.) 98-386  
*astiva* (Fab.) 75-77<sup>33</sup>  
*convexiuscula* Mannh. 43-255<sup>33</sup>  
*populi* Dodge 39-288 Mich. Minn.
- Orthopeplus**
- Stelidota**<sup>39</sup>  
*octomaculata* (Say) 25-181  
*biseriata* Rtrr. 74-15<sup>33</sup>
- Omosita**  
*discoidea* (Fab.) 75-78  
*cincta* Heer 41-396<sup>33</sup>
- Nitidula**  
*flavomaculata* Rossi 90-58<sup>41</sup> Me.-D.C.  
*flexuosa* Oliv. 90-7<sup>33</sup> [Cal. Eur.  
*carnaria* (Schall.) 83-257<sup>33</sup> Mass.-Cal.  
 [Eur.
- Prometopia**
- Lobiopa** Er. 43-291  
*(Cerophorus* Cast. 40-10, part)<sup>33</sup>  
*(Soronia* Rtrr. 73-46, part)<sup>33</sup>  
*insularis* Cast. 40-10  
*contaminata* Er. 43-296<sup>33</sup>  
*decumana* Er. 43-295<sup>33</sup>  
*dimidiata* Er. 43-295<sup>33</sup>  
*grandis* Er. 43-294<sup>33</sup>
- Soronia**
- Phenolia**
- Amphotis**
- Thalyera**
- Perthalyera**
- Quadrifrons**
- Pocadius**
- Camptodes** Er. 43-321<sup>39</sup>  
 \* *EUCAMPTODES* Shp. 90-327  
*texanus* Schffr. 04-203 Tex.  
*gaumeri* Shp. 90-330 Tex.<sup>33</sup> Mex.  
*nigerrimus* Parsons 43-241 Ariz.
- Amphicrossus** Er. 43-346<sup>39 42</sup>  
*(Lobostoma* Fairm. 92-90)<sup>33</sup>  
*(Rhacostoma* Berg 98-18)<sup>33</sup>
- Cyphramus** Kugel. 94-543  
*(Campta* Steph. 30-30)<sup>33</sup>
- Pallodes**  
*pallidus* (Beauv.) 05-157  
*silaceus* Er. 43-350<sup>33</sup>
- Cylloides** Er. 43-342  
*(Strongylus* Hbst. 92-179, not  
*(Strongylus* Parsons 43-247) [Müll.]<sup>33</sup>  
*(Voloxis* Kugel. 91-355)<sup>33</sup>  
*(Pseudocamptodes* Grouv. 96-76)<sup>33</sup>
- Oxy nemus**

<sup>33</sup> Parsons—43; revision of family.<sup>35</sup> Key to genera, Parsons—43.<sup>36</sup> Key to subgenera, Parsons—43.<sup>37</sup> Transferred to Carpophilinae by Gillogly—47.<sup>38</sup> Returned to Nitidulinae by Parsons in litt.<sup>39</sup> Key to species, Parsons—43.<sup>40</sup> Distinct species, Dodge—39 and Parsons—43.<sup>41</sup> An introduced species, Dodge—39 and Parsons—43.<sup>42</sup> Key to species, Parsons—39.

## Meligethinæ

- Meligethes** Steph. 30-30<sup>39</sup>  
 \* ACANTHOGETHES Rtrr. 71-49  
 pinguis Horn 79-314 Nfld.  
 MELIGETHES s.str.  
 saevus Lec. 59-6 Tenn.-N.M.-Mont.  
 seminulum Lec. 57-37 Mass.-Y.T.-Ore.  
 aeneus (Fab.) 75-78 Me.-Tenn. N.M.-[B.C.  
 brassice Rtrr. 75-16 (not Scop.)<sup>33</sup>  
 morens Lec. 57-37<sup>33</sup>  
 rufimanus Lec. 57-37<sup>33</sup>  
 californicus Rtrr. 71-33<sup>33</sup>  
 mutatus Harold 68-827 N.Y.-Cal.  
 ruficornis Lec. 59-6 (not Heer)<sup>33</sup>

Cryptarchinae<sup>35</sup>

- Pityophagus**
- Cryptarcha**
- Glieschrochilus** Rtrr. 73-162<sup>39</sup>  
 \* obtusus (Say) 35-168 N.Y.-S.C.-La.-[Mich.  
 sanguinolentus (Oliv.) 90-8 [Mich.  
 s.sanguinolentus s.str. Que.-Fla.-Tex.-[B.C.  
 s.rubromaculatus (Rtrr.) 73-161 Que.-[Fla.  
 fasciatus (Oliv.) 90-12 Que.-Fla.-N.M.-4-maculosa Melsh. 44-107<sup>33</sup> [B.C.  
 geminatus Melsh. 44-108<sup>33</sup>  
 siepmanni Brown 32-259 Que.-N.Y.-B.C.  
 quadresignatus (Say) 35-169  
 s.quadresignatus s.str. N.H.-Fla.-Utah  
 sinilis Melsh. 44-108<sup>33</sup>  
 bipustulatus Melsh. 44-108<sup>33</sup>  
 bipunctatus Melsh. 44-108<sup>33</sup>  
 sexpustulatus Rtrr. 73-161<sup>33</sup>  
 s.canadensis Brown 32-259 Que.-S.C.-[N.M.-B.C.  
 vittatus (Say) 35-170 Que.-N.C.-Cal.-dejeani (Kby.) 37-107<sup>33</sup> [Alas.  
 sepulcralis Rand. 38-19<sup>33</sup>  
 confluentus (Say) 23-195 Ont.-Ga.-Nev.  
 moratus Brown 32-261 Ont.-B.C. Tex.  
 lecontei Brown 32-262 Man.-N.M.-Cal.-[B.C.  
 cylindricus (Lec.) 63-64 (not Oliv.)

## MONOTOMIDÆ

- Hesperobænus**  
 fenyesi VanD. 45-102 Cal.

## CUCUJIDÆ

- Inopeplus**<sup>43</sup>

## DERODONTIDÆ

- Laricobius**

<sup>43</sup> Transferred to Staphylinidæ by Blackwelder—42; returned to Cucujidæ by Paulian—46.

<sup>44</sup> Brown—44.

- rubidus Lec. 61-198<sup>44</sup> Que.-D.C.-Mich.  
*ericsonii* of authors<sup>44</sup> nigrinus K.Fend. 45-152 Ore. B.C.

## MYCETOPIHAGIDÆ

- Mycetophagus**  
 pluriguttatus Lec. 56-13  
 s.franciscanus VanD. 39-17 Cal.  
**Berginus** Er. 48-405<sup>45</sup>  
 californicus Pierce 39-53 Cal.

## COCCINELLIDÆ

- Hyperaspis** Redt. 43-08<sup>46</sup>  
 \* I levrati (Muls.) 50-613 Wyo.-Tex.-Ariz.  
 metator (Csy.) 08-413<sup>46</sup> [Mex.  
 revocans Csy. 08-419  
 s.revocans s.str. Ut.Ariz. Cal.  
 s.occidentalis Dobz. 41-6 Cal.  
 II octonotata Csy. 99-121 Colo.-N.M.-Cal.  
 bensonica Csy. 08-418 [Mex.  
 s.bensonica s.str. Colo.-N.M.-Cal. Mex.  
 s.disrupta Dobz. 41-9 Cal.  
 chapini Dobz. 41-10 Ida.  
 III pratensis Lec. 80-188  
 s.pratensis s.str. N.J.-N.C.-Iowa  
 triplicans Csy. 24-163<sup>46</sup>  
 microsticta Csy. 24-163<sup>46</sup>  
 s.medialis Csy. 99-123<sup>46</sup> Tex. Ariz.  
 s.aemulator Csy. 08-413<sup>46</sup> ?Iowa. Ariz.  
 conspirans Csy. 08-414 Tex. Ariz.  
 gemma Csy. 99-123 Tex.-Cal. Mex.  
 fastidiosa Csy. 08-414  
 s.fastidiosa s.str. Colo.-Ariz.-Cal.-Ore.  
 s.septentrionalis Dobz. 41-15 Wyo. Ida.  
 [Ariz.  
 IV lateralis Muls. 50-657  
 s.lateralis s.str. Colo.-Tex.-Cal. Mex.  
 laevipennis Csy. 99-122<sup>46</sup>  
 pinguis Csy. 99-122<sup>46</sup>  
 s.montanica Csy. 99-121<sup>46</sup> S.D.-Colo.-[Cal.-B.C.  
 s.flammula Nunen. 11-72<sup>46</sup> Alb.-Colo.-[Mont.  
 s.nigrocauda Dolz. 41-17 Colo.-N.M.-[Cal.  
 s.omissa Csy. 99-122<sup>46</sup> Ut.-N.M.-[Cal.  
 s.wellmani Nunen. 11-72<sup>46</sup> Ut.-Wash.-[Cal.  
 s.idae Nunen. 12-450<sup>46</sup> Cal.  
 excelsa Fall 01-232 Cal.  
 tædata Lec. 80-187 Fla.  
 lugubris (Rand.) 38-52 Mass.-Colo.-Tex.  
 jucunda Lec. 52-134<sup>46</sup>  
 lecontei Cr. 74-233<sup>46</sup>  
 venustula Muls. 50-671<sup>46</sup>  
 separata Csy. 24-165<sup>46</sup>

<sup>45</sup> Key to species, Pierce—39.

<sup>46</sup> Dobzhansky—41; revision of genus.

## COCCINELLIDÆ

V			
proba (Say) 26-303			[Utah. Mex.
s.proba s.str. Mass. Fla.-Ariz.-Minn.			Cal.
?trinifer Csy. 99-123 <sup>46</sup>			Ariz.
s.weisei Schiffr. 08-126 <sup>46</sup>	Tex.		
globula Csy. 99-124	Tex. Mex.		
VI <sup>47</sup>			
connectens (Thunb.) 08-157	Tex. Ariz.		
tengi Schiffr. 05-144 <sup>46</sup>	[C.A.		
rotunda Csy. 99-123	Tex. Ariz.		
rotundata Korsch. 31-195 <sup>46</sup>			
VII <sup>47</sup>			
binotata (Say) 26-302	Que.-Fla.-Tex.-		
normata (Say) 26-302 <sup>46</sup>	Neb. Cal.		
affinis (Rand.) 38-50 <sup>46</sup>			
leucopsis Melsh. 47-179 <sup>46</sup>			
conviva Csy. 24-163 <sup>46</sup>			
insolens Csy. 24-164 <sup>46</sup>			
signata (Oliv.) 08-1047	N.Y.-Fla.-Tex.		
pinorum Csy. 24-162	Del.-Fla.		
?inedita Muls. 50-684 <sup>46</sup>			
haematoxicta Fall 07-222	N.M. Ariz.		
lewisi Cr. 73-380	N.Y.-N.C.-Ky.		
maneei Csy. 24-163 <sup>46</sup>			
leachi Nunen. 34-19			
regalis Csy. 99-123	Cal.		
nigrosuturalis Blatch. 18-420	Fla.		
bicentralis Csy. 99-124	Fla.		
s.bicentralis s.str.			
s.major Dobz. 41-33			
centralis Muls. 51-685	Tex. Okla.		
s.centralis s.str.	Ill.		
s.wickhami Csy. 99-124 <sup>46</sup>	L.Cal. C.A.		
s.plagiata Dobz. 41-34	Tex.		
oculifera Csy. 08-415	Md.		
rivularis Dobz. 41-35	Ariz.		
tuckeri Csy. 24-162	Ky. Ill. Mo.		
bigeminata (Rand.) 38-32	Ariz.		
gueksi Muls. 50-687 <sup>46</sup>	Me.-Fla.-		
geminata Lec. 80-188	[Tex.-Ont.		
uniformis Csy. 24-162	Va. N.C.		
VIII <sup>47</sup>	N.C.		
postica Lec. 80-188	Ariz.-Cal.-B.C.		
elliptica Csy. 99-126	Mont. Cal.-B.C.		
angustula Csy. 99-127 <sup>46</sup>			
nunenmacheri Csy. 08-417	Ida. Cal.-		
oculaticauda Csy. 99-127	[Wash.		
effeta Csy. 99-127	Nev. Cal. Ore.		
subdepressa Csy. 99-127	Cal. Ore.		
IX <sup>47</sup>	Cal.		
tæniata Lec. 52-134			
s.tæniata s.str.	Cal. Ut.		
s.nevadica Csy. 99-125 <sup>46</sup>	Ut.-Ariz.-		
s.perpallida Dobz. 41-44	[Cal.-Ore.		
s.pallidula Dobz. 41-45	Cal.		
s.significans Csy. 08-416 <sup>46</sup>	Cal.		
v.concurrrens Csy. 08-416 <sup>46</sup>	Utah		
v.pallescens Dobz. 41-46	Ariz.		
s.rufescens Dobz. 41-47	Tex. N.M. Colo.		
s.scruenta Lec. 80-187 <sup>46</sup>	Tex.		
s.cruentoidea Dobz. 41-18	Fla.		
s.binaria Csy. 24-165 <sup>46</sup>	N.C. Fla.		
osculans Lec. 80-187	Cal.		
pleuralis Csy. 99-125	Tex.-Cal. Utah		
v.aterrima Csy. 08-116 <sup>46</sup>	Tex. Cal.-		
		X	
		fimbriolata Melsh. 47-180	
		s.fimbriolata s.str.	N.Y.-Va.-Cal.
		rufomarginata Muls. 50-661 <sup>46</sup>	
		limbalis Csy. 99-126	
		s.atlantica Dobz. 41-55	Va. Fla. Miss.
		s.serena Csy. 08-417 <sup>46</sup>	Mass.-N.J.-
		s.inflexa Csy. 99-126 <sup>46</sup>	[Mich
		cincta Lee. 58-89	Man.-N.M.-
		nupta Csy. 99-126 <sup>46</sup>	[Mont.
		protensa Csy. 08-417	Ut. Ariz. Cal.
		marginata Gaines. 33-263	Tex.
		dissoluta Cr. 73-379	
		s.dissoluta s.str.	Nev. Ariz. Cal.
		s.coloradana Csy. 08-417 <sup>46</sup>	Minn.-Ore.-
		sanctæ-rita Dobz. 41-60	[Tex.
		psyche Csy. 99-125	Ariz. Cal.
		XI <sup>47</sup>	
		disconotata Muls. 50-653	
		s.disconotata s.str.	Mich. Ill. Minn.
		s.troglodytes Muls. 53-219 <sup>46</sup>	N.B.-
		discreta Lee. 80-187 <sup>46</sup>	Va.-Iowa
		s.canadensis Dobz. 41-63	Alb.
		trifureata Schiffr. 05-143	Tex.
		XII <sup>47</sup>	
		undulata (Say) 24-92	Can.-Va.-Tex.-
		maculifera Melsh. 47-179 <sup>46</sup>	[Minn.
		elegans Muls. 50-658 <sup>46</sup>	
		octavia Csy. 08-419	Me.-Va.-Minn.
		paludicola Sehz. 78-362	?Mass. Va.-Fla.
		punctata Lee. 80-188	S.D. Tex. N.M.
		filiola Csy. 08-419	Ariz.
		quadrioculata (Mots.) 45-383	
		s.quadrioculata s.str.	Cal.
		s.notatula Csy. 99-121 <sup>46</sup>	Ariz. Nev.
		s.scotti Dobz. 41-70	[Cal.
		s.fidelis Csy. 08-418	Cal.
		triangulum Csy. 99-123	Cal.
		spiculinota Fall 01-232	Cal.
		simulatrix Dobz. 41-72	Ida. Mont. Wash.
		XIII <sup>47</sup>	
		annexa Lec. 52-133	Cal. Ida.
		quadrivittata Lec. 52-133	
		s.quadrivittata s.str.	Alb.-N.M.-Ariz.-
		Ida.	Ida.
		s.tetraneura Csy. 08-420 <sup>46</sup>	Colo. Ut.
		oregona Dobz. 41-76	[N.M.
		s.oregona s.str.	Wyo. Ida. Ore. Wash.
		s.borealis Dobz. 41-76	Wash. B.C.
		brunnescens Dobz. 41-77	Ill.
		XIV <sup>47</sup>	
		merrens (Lec.) 50-238	Mich. Wyo. Mont.
		consimilis Lec. 52-134 <sup>46</sup>	
		simulans Csy. 99-128	Ariz.
		XV <sup>47</sup>	
		bolteri Lec. 80-186	Ill. Kan.
		jovialis Fall 25-311	Cal.
		californica Dobz. 41-81	Cal.
		eselavium Dobz. 41-82	Miss.

<sup>46</sup> Dobzhansky—41; revision of genus.<sup>47</sup> These groups are misnumbered in Dobzhansky—41.

## COCCINELLIDÆ

27

<b>Cleis</b> Muls. <sup>52</sup>		
<i>picta</i> Rand. 38-51		
<i>blanchardi</i> Johnson 10-72 <sup>53</sup>		
<i>v.impictipennis</i> Weise 95-125 <sup>53</sup>		
<b>Anisocalya</b>		
<i>duodecim-maculata</i> (Gebl.) 32-76		
<i>duodecimguttata</i> Malkin 43-197		
<b>Anatis</b>		
<i>rathvoni</i> Lee. 52-132		
<i>rhatvoni</i> Malkin 43-198		
<b>TENEBRIONID.E</b>		
<b>Metopourium</b>		
<i>abnorme</i> Lee.		
<i>s.laticolle</i> Csy. 07-291 <sup>54</sup>	Ariz. L.Cal.	
<i>transversum</i> Blais. 43-174	L.Cal.	
<i>erosum</i> Blais. 43-175	L.Cal.	
<b>Telaponium</b>		
<i>pingue</i> Blais. 43-179	L.Cal.	
<b>Trimytes</b>		
<i>PIMALIUS</i> Csy.		
<i>ceralboensis</i> Blais. 43-196	L.Cal.	
<b>Metopoloba</b>		
<i>subpilosa</i> Blais. 43-199	L.Cal.	
<b>Triorophus</b>		
<i>lariversi</i> Blais. 42-132	Nev.	
<b>Triphalus</b>		
<i>impressifrons</i> Blais. 43-202	L.Cal.	
<b>Triphalopsis</b>		
<i>impressicollis</i> Blais. 43-203	L.Cal.	
<b>Stibia</b>		
<i>ferruginea</i> Blais. 43-208	L.Cal.	
<b>Orthostibia</b>		
<i>muricata</i> Blais. 43-210	L.Cal.	
<i>fraterna</i> Blais. 43-211	L.Cal.	
<b>Edrotes</b> Lee. 51-140 <sup>55</sup>		
* <i>(Pinellia)</i> Say 24-251 <sup>55</sup>		
ODROTIES LaRiv. 47-320		
<i>arenus</i> LaRiv. 47-320	Ariz.	
EDROTIES s.str.		
<i>ventricosus</i> Lee. 51-141	Ida.-Ariz. Cal.	
<i>nitidus</i> Csy. 90-175 <sup>55</sup>	[Mex.]	
<i>orbis</i> Csy. 07-451 <sup>55</sup>		
<i>angusticollis</i> Csy. 07-152 <sup>55</sup>		
<i>longipennis</i> Csy. 07-452 <sup>55</sup>		
<i>mexicanus</i> Blais. 23-241 <sup>55</sup>		
<i>asperatus</i> Blais. 23-241 <sup>55</sup>		
<i>laticollis</i> Csy. 24-300 <sup>55</sup>		
<i>longicornis</i> Csy. 24-300 <sup>55</sup>		
<i>variipilis</i> Csy. 24-301 <sup>55</sup>		
<i>rotundus</i> (Say) 24-251	Colo.-Tex.-Ariz.	
<i>globosus</i> Csy. 90-175 <sup>55</sup>		
<i>inflatus</i> Csy. 07-454 <sup>55</sup>		
<i>puncticeps</i> Csy. 07-454 <sup>55</sup>		
<i>intermixtus</i> Csy. 07-455 <sup>55</sup>		
<i>oblongulus</i> Csy. 07-455 <sup>55</sup>		
<i>lineatus</i> Csy. 07-455 <sup>55</sup>		
<b>Argoporis</b>		
<i>apicalis</i> Blais. 43-234	L.Cal.	
<b>Eleodes</b>		
<i>rossi</i> Blais. 43-241	L.Cal.	
<i>marthae</i> Blais. 43-243	L.Cal.	
<i>mexicana</i> Blais. 43-246	L.Cal.	
<i>simondsi</i> Blais. 43-247	L.Cal.	
<i>striatipennis</i> Blais. 42-134	Nev.	
MELANELEODES Blais. 09-33		
<i>halli</i> Blais. 41-37	Ariz.	
BLAPYLIS Horn 70-301		
<i>oregona</i> Blais. 41-157	Ore.	
*    LITHELEODES Blais. 09-34 <sup>60</sup>		
<i>extricata</i> Say 23-261	Ariz. Tex.-Can.	
<i>s.convexicollis</i> Blais. 09-123 <sup>60</sup>	Wyo.	
<i>sarizonensis</i> Blais. 09-116 <sup>60</sup>	[Mont.]	
<i>s.utahensis</i> Blais. 21-131 <sup>60</sup>	Ariz.	
<i>s.afrigida</i> LaRiv. 43-54	Utah	
<i>s.cognata</i> Hald. 52-376 <sup>60</sup>	Nev.	
<i>arcuata</i> Csy. 84-47	Ariz.	
<i>granulata</i> Lee. 57-50	Ore. Cal.	
<i>s.obtusa</i> Lee. 61-352 <sup>60</sup>	Cal.	
<i>s.aspera</i> Lee. 66-115 <sup>60</sup>	Colo.	
<i>?subaspera</i> Sol. 48-246 <sup>60</sup>		
<i>vandykei</i> Blais. 09-136	Cal.	
<i>s.modificata</i> Blais. 21-131 <sup>60</sup>	B.C.	
<i>s.parvula</i> Blais. 09-137 <sup>60</sup>	Ore. Ida.	
<i>s.similis</i> Blais. 42-142 <sup>60</sup>	Ore.	
<i>letcheri</i> Blais. 09-133	Nev. Ida.	
<i>corvina</i> Blais. 21-224	Cal.	
<i>papillosa</i> Blais. 17-226	Cal.	
<i>tuberculata</i> Blais. 09-131 <sup>60</sup>		
<b>Trogoderes</b> Lee. 79-2 <sup>61</sup>		
* <i>costatus</i> Lee. 79-3		
<i>s.costatus</i> s.str.	Ida.-Ariz. Cal.	
<i>s.nevadus</i> LaRiv. 42-137 <sup>61</sup>	Nev. Cal.	

<sup>52</sup> Nunenmacher—46 uses Mulsantina Weise, in error.

<sup>53</sup> Nunenmacher—46.

<sup>54</sup> Blaisdell—43.

<sup>55</sup> La Rivers—47; revision of genus.

*subqualis* Csy. 07-456<sup>55</sup>  
*angustulus* Csy. 07-456<sup>55</sup>  
*desertus* Blais. 43-212<sup>55</sup>

**Araeoschizus**

*limbatus* Blais. 43-214 L.Cal.  
*antennatus* Blais. 43-215 L.Cal.  
*airmeti* Tanner 45-125 Utah Ida.

**Centrioptera**

(*Ochila* Lee. 62-220, not 66-220)<sup>56</sup>  
*michelbacheri* Blais. 43-227 L.Cal.

**Cryptoglossa** Sol. 36-680<sup>57</sup>

\* (*Asbolus* Lee. 51-129)<sup>57</sup>  
*verrucosa* Lee. 51-129 Ariz. Nev. Cal.  
*s.carinulatus* Blais. 45-25 Cal.  
*levis* Lee. 51-130 Ariz. Cal.  
*s.subsimilis* Csy. 24-308 Ariz. Cal.  
*granulifera* Champ. 92-508 Cal. Tex.  
*angularis* Horn 91-414 [L.Cal. Mex. L.Cal.]

**Stenomorpha** Sol. 36-487

(*Euschides* Lee. 51-127)<sup>58</sup>  
*tumidicollis* Blais. 43-226 L.Cal.  
*convexa* (Lee.) 59-14<sup>59</sup> Kan.-L.Cal. [Mex.]

**Argoporis**

*apicalis* Blais. 43-234 L.Cal.

**Eleodes**

*rossi* Blais. 43-241 L.Cal.  
*marthae* Blais. 43-243 L.Cal.  
*mexicana* Blais. 43-246 L.Cal.  
*simondsi* Blais. 43-247 L.Cal.  
*striatipennis* Blais. 42-134 Nev.  
    MELANELEODES Blais. 09-33  
*halli* Blais. 41-37 Ariz.  
    BLAPYLIS Horn 70-301  
*oregona* Blais. 41-157 Ore.  
\* LITHELEODES Blais. 09-34<sup>60</sup>  
*extricata* Say 23-261 Ariz. Tex.-Can.  
    *s.convexicollis* Blais. 09-123<sup>60</sup> Wyo.  
    *sarizonensis* Blais. 09-116<sup>60</sup> [Mont.]  
    *s.utahensis* Blais. 21-131<sup>60</sup> Ariz.  
    *s.afrigida* LaRiv. 43-54 Utah  
    *s.cognata* Hald. 52-376<sup>60</sup> Nev.  
*arcuata* Csy. 84-47 Ariz.  
*granulata* Lee. 57-50 Ore. Cal.  
    *s.obtusa* Lee. 61-352<sup>60</sup> Cal.  
    *s.aspera* Lee. 66-115<sup>60</sup> Colo.  
    *?subaspera* Sol. 48-246<sup>60</sup>  
*vandykei* Blais. 09-136 Cal.  
*s.modificata* Blais. 21-131<sup>60</sup> B.C.  
*s.parvula* Blais. 09-137<sup>60</sup> Ore. Ida.  
*s.similis* Blais. 42-142<sup>60</sup> Ore.  
*letcheri* Blais. 09-133 Nev. Ida.  
*corvina* Blais. 21-224 Cal.  
*papillosa* Blais. 17-226 Cal.  
    *tuberculata* Blais. 09-131<sup>60</sup>

**Trogoderes** Lee. 79-2<sup>61</sup>

\* *costatus* Lee. 79-3  
    *s.costatus* s.str. Ida.-Ariz. Cal.  
    *s.nevadus* LaRiv. 42-137<sup>61</sup> Nev. Cal.

<sup>56</sup> Parsons in litt.

<sup>57</sup> Blaisdell—45; revision of genus.

<sup>58</sup> Blackwelder—45.

<sup>59</sup> Transferred from *Euschides* by Gebien—37.

<sup>60</sup> Blaisdell—42; revision of subgenus.

s.vandykei LaRiv. 46-41 <sup>61</sup>	Cal.
s.tuberculatus Blais. 09-479 <sup>61</sup>	Cal.
<b>Branchus</b> Lec. 62-223 (not 63-222) <sup>56</sup>	
floridanus Lec. 62-224 (not 66-111) <sup>56</sup>	
<b>Eusattus</b>	
( <i>Conipinus</i> Lec. 62-223, not 63-[223] <sup>56</sup>	
sculptus Champ. 92-510 Mex. L.Cal. <sup>62</sup>	
<b>Coniontides</b>	
keiferi Blais. 43-189	L.Cal.
<b>Coniontis</b>	
lariversi Blais. 41-131	Nev.
<b>Coniontellus</b>	
inflatus Csy. 90-389	Nev.
hystric Csy. 08-142 <sup>63</sup>	
longipennis Csy. 08-143 <sup>63</sup>	
ampliatus Csy. 08-144 <sup>63</sup>	
<b>Celus</b>	
gracilis Blais. 39-16	Cal.
<b>Blapstinus</b>	
vandykei Blais. 42-136	Cal.
densipunctatus Blais. 43-256	L.Cal.
<b>Conibius</b>	
oblongus Blais. 43-257	L.Cal.
<b>Tonibius</b>	
rossi Blais. 43-260	L.Cal.
<b>Ephalus</b> Lec. 62-227 (not 62-229) <sup>56</sup>	
<b>Echocerus</b>	
breviceps Blais. 43-266	L.Cal.
<b>Aphanotus</b> Lec. 62-233 (not 66-233) <sup>56</sup>	
<b>Cynaeus</b> Lec. 62-233 (not 66-233) <sup>56</sup>	
angustus Lec. 51-149 Tex. Cal. Wash. <sup>64</sup>	
<b>Tribolium</b>	
destructor Uytt. 33-xii <sup>65</sup>	Cal. <sup>66</sup> Eur.
<b>Palorus</b> Muls. 54-250 <sup>66a</sup>	
* PALORUS s.str.	
ratzeburgi (Wissm.) 48-77	
CIRCOMUS Fleisch. 00-236 <sup>66a</sup>	
subdepressus (Woll.) 64-499	
melinus of authors (not Hbst.) <sup>66a</sup>	
depressus of authors (not Fab.) <sup>66a</sup>	
<b>Tharsus</b> Lec. 62-233 (not 66-233) <sup>56</sup>	
seditiosus Lec. 62-233 (not 66-122) <sup>56</sup>	
<b>Xylopinus</b> Lec. 62-230 (not 66-230) <sup>56</sup>	
<b>Prateus</b> Lec. 62-238 (not 66-238) <sup>56</sup>	
fusculus Lec. 62-238 (not 66-131) <sup>56</sup>	
<b>Amphidora</b>	
subdeplanata Blais. 43-252	L.Cal.
<b>Helops</b>	
sparsus Blais. 43-274	L.Cal.
<b>Lariversius</b> Blais. 47-59	Nev.
tibialis Blais. 47-61	

<sup>61</sup> La Rivers—42; key to species.<sup>62</sup> Blaisdell—43.<sup>63</sup> La Rivers—47.<sup>64</sup> Hatch—40.<sup>65</sup> Placed in Aphanotus by Blaisdell—42.<sup>66</sup> Blaisdell—42.<sup>66a</sup> Chapin in litt.**SERROPALPIDAE****Prothalpia** Lec. 62-251 (not 62-252)<sup>56</sup>**Scotochroa** Lec. 74-275<sup>67</sup>\* atra Lec. 74-274 N.H. Mich.  
buprestoides (Kby.) 37-240<sup>68</sup> Nfld.-N.Y.  
basalis Lec. 74-275 Nfld. Mich. Colo.  
[B.C.]**Scotochroides** Mank 39-183

antennatus Mank 39-183 N.H.-Pa.

**Serropalpus** Hellen. 86-311<sup>67</sup>\* substriatus Hald. 48-98 Me.-Minn. Cal.  
obsoletus Hald. 48-98 Mich. Ore. B.C.  
(barbatus Schall. not N.Amer.)<sup>67</sup>  
coxalis Mank 39-239 Me.-Minn. Alas.**Neoscapria** K.Fend. 46-67

testacea K.Fend. 46-67 Ore.

**Anelpistus** Horn 70-88<sup>69</sup>\* americanus Horn 70-88 N.H.  
canadensis Mank 42-190 B.C.**Scotodes** Esch. Not N.Amer.)<sup>70</sup>**PTINIDAE****Mezium**affine Boield. 56-674 Can.  
americanum of Brown 40-117<sup>71</sup>**Epauloeus** M. & R. 68-198  
(*Epauloeus* Pic 12-12)<sup>72</sup>  
(*Tipnus* Thoms. 63-141, not  
DuVal,<sup>72</sup> not Boield.)<sup>71</sup>  
unicolor P. & M. 82-67 N.S. N.B.  
*crenatus* Fab. 92-240<sup>71</sup><sup>72</sup>**Eurostus** M. & R. 68-49hilleri Rtrr. 77-378 N.B.-Ont. B.C. Eur.  
*alienus* Brown 40-119<sup>71</sup>**Pseudeurostus** Heyden 06-424  
(*Eurostus* M. & R. 68-185)<sup>73</sup>  
(not Dallas, 1851; Duméril, 1853)**Ptinus**ocellus Brown 29-109  
*pilosus* of authors<sup>72</sup>  
*tectus* of authors<sup>72</sup>  
latro Fab. 75-63 Can. Cosmop.  
hirtellus Sturm 37-80  
*testaceus* Oliv. 90-9<sup>71</sup>  
(not Thunberg, 1784)  
*brunneus* Dufts. 25-65<sup>71</sup>  
*testaceous* Brown 44-10**ANOBIIDAE****Ulobium**

marmoratum Fisher 39-26 Ore.

<sup>67</sup> Mank—39; revision of genus.<sup>68</sup> Valid species. Mank—39.<sup>69</sup> Valid genus. Mank—42.<sup>70</sup> Mank—42.<sup>71</sup> Brown—44.<sup>72</sup> Brown—40.<sup>73</sup> Heyden—06.

**Neogastrallus**  
librinoecens Fisher (not librinoecens)**Vrilletta**  
(*Vrilletta* VanD. 46-85)  
californica Fisher 39-175  
montana VanD. 46-85**Euvrilletta** Fall  
(*Euvrilletta* VanD. 46-85)  
texana VanD. 46-85**Xyletinus**  
grossus VanD. 46-86  
sequoiae VanD. 46-87**BOSTRICHIDÆ****BOSTRICHINÆ**

## Xyloperthina

**Tetrapriocera**  
longicornis Oliv. 90-15 <sup>74</sup>**Xylobiops** Csy.  
basilaris Say  
basillare Leng 20-244 <sup>75</sup>  
parilis Lesne  
perilis Leng 20-244 <sup>75</sup>**Xylomeira** Lesne 01-502 <sup>76</sup>  
torquata Fabr. 01-382 W.I. <sup>76</sup> Fla. <sup>75</sup>  
floridana Horn 85-155 <sup>75</sup>  
tridens Fabr. 92-362 <sup>75</sup>

\* \* \*

**Dendrobiella**  
aspera Lec. 58-73 <sup>75</sup>  
sericans Lee. 58-73 Tex.-L.Cal.  
pubescens Csy. 98-67 <sup>75</sup>**Amphicerus**  
cornutus Pallas 72-8 (not 72-18) <sup>75</sup>  
hamatus Fabr. 87-33 <sup>75</sup> N.A. Cuba  
aspericollis (Germ.) 24-465 <sup>75</sup>  
bicaudatus (Say) 24-320 <sup>75</sup>  
serricollis (Germ.) 24-464 <sup>77</sup>**Lichenophanes** Lesne 99-457 (not 98-457) <sup>75</sup>  
mitchleri Belkin 40-192 N.J.  
angustus Csy. 98-72 <sup>75</sup>  
(not Steinheil, 1873)  
californicus Horn 78-546 (not 78-456) <sup>75</sup>  
bicornis Weber 01-91 <sup>77</sup> Conn.-Fla.-Ind.  
bicornis Say 23-319 <sup>75</sup>**Bostrichus** Geoff. 62 301 <sup>78</sup>  
\* capucinus L. 58-355 N.J. Eur.**Dinoderus** Steph. 30-352 <sup>78</sup>  
\* brevis Horn 78-550 La. Orient  
minutus Fab. 75-51 Fla. Cosmop.<sup>74</sup> Not a synonym of tridens, Belkin—40.<sup>75</sup> Belkin—40.<sup>76</sup> Blackwelder—45.<sup>77</sup> Transferred from Bostrichus by Belkin—40.<sup>78</sup> Revision of genus, Belkin—40.<sup>79</sup> Distinct species, Belkin—40.<sup>80</sup> Key to nigricornis-group, Robinson—41.<sup>81</sup> Lane—47.**POLYCAONINI****Polycaon** Lap. 36-30  
(*Exops* Curt. 39-204) <sup>75</sup>  
(*Allxocnemis* Lec. 53-232) <sup>75</sup>  
punctatus Lec. 66-102 <sup>79</sup>  
pubescens Lec. 66-102 <sup>75</sup>**Heterarthron** Guér. 44-186  
(*Exopioides* Guér. 45-17) <sup>75</sup>  
(fenorale Fabr. 92-361 not N.Am.) <sup>75</sup>  
(gonagrimum Fabr. 98-156 not N.Am.) <sup>75</sup>  
exesum Lec. 58-74 <sup>79</sup> L.Cal. C.A.**Psoa**  
quadrisignata Horn 68-135 Cal.  
cleroides Lesne 13-273 Cal.**SCARABEIDÆ****Canthon** <sup>80 82</sup>  
imitator Brown 46-104  
s.imitator s.str. Okla. Tex.  
s.floridanus Brown 46-105 Fla.  
granulifer Schm. 21-126 Tex.  
bispinatus Robinson 41-128 R.I.-Fla.  
(pilularius (L.) 58-319 not N.Am.) <sup>81</sup>  
hudsonius (Forst.) 71-3  
lave (Drury) 73-? <sup>81</sup>**Ateuchus** Weber 01-10 <sup>83</sup>  
(*Charidium* Serv. 25-356) <sup>83</sup>**Copris** cartwrighti Robinson 41-131 N.C. S.C.**Phanaeus** M'Leay 19-124 <sup>84</sup>  
\* pluto Harold 63-164 Ariz. Mex.  
quadridens (Say) 37-176 Ariz. Mex.  
vindex M'Leay 19-133s.vindex s.str. e.U.S.  
s.cyanellus Robinson 38-107 Fla.  
s.rubervirens Robinson 48-301 Ariz.disformis Lec. 48-86 Kan.-Tex.  
s.disformis s.str. Fla.

s.magnificens Robinson 48-302 S.C.-Tex.

triangularis Say 23-206 Ky.-Kan.  
torrents Lec. 47-85 Miss. La. Mex.

s.torrents s.str. s.niger (d'Ols.) 24-95 Ariz. Mex.

igneus M'Leay 19-133 amithaon Harold 75-88 Ariz. Mex.

**Onthophagus** aciculatus Blatch. 28-128  
alutaceus || Blatch. 19-31 <sup>85</sup>  
aciculatus L. & M. 33-38 <sup>85</sup>  
subopacus Robinson 40-142 Ariz.  
lecontei Schffr. 14-298 (not Harold, 1868)**Aphodius** <sup>88</sup>  
manitobensis Brown 28-302 Man. Pa. <sup>86</sup>  
guttatus Esch. 23-97 Lab. Vt. Alas. <sup>86</sup><sup>82</sup> Discussion of generic synonymy, Lane—47.<sup>83</sup> Chapin—46.<sup>84</sup> Revision of genus, Robinson—48.<sup>85</sup> Chapin in litt.<sup>86</sup> Robinson—47.<sup>87</sup> Robinson—39.<sup>88</sup> Synoptic key to species, Saylor—40.

bicolor Say 23-212			
<i>comanchi</i> Robinson 40-146 <sup>86</sup>			
goffi Cart. 39-354	Fla.		S.C. Ga.
geomysi Cart. 39-356	Fla.		Fla.
windsori Cart. 39-357	S.C.		
brimleyi Cart. 39-357	N.C. S.C.		
robinsoni Cart. 39-359	N.J.		
odocoilis Robinson 39-24	N.J.		
<i>crassulus</i> Sim 30-142 <sup>87</sup> (not Horn, 1870)			
lanei Saylor 40-103	Wash.		
caseyi Saylor 40-104	Ore.		Tex.
pullmani Saylor 40-104	Wash.		
inermis Robinson 40-147	Utah		
saylorea Robinson 40-147	Ariz.		
serval Say	N.J. Pa.		
<i>s.pennsylvanicus</i> Rob. 40-148 <i>serval</i> of Sim 30-143			
subcarinatus Robinson 46-50	Utah		
cressonii Robinson 46-51	Neb.		
oviformis Robinson 46-53	Cal.		
constrictus Robinson 46-54	Wash.		
piceatus Robinson 46-55	B.C.		
medonaldi Robinson 46-56	Pa.		
<i>PLATYDERIDES</i> Schm. 16-99 ( <i>Platyderus</i> Schm. 14-122, not			
yavapai Robinson 46-52	[Steph.]		
excavatus Robinson 40-143	Ariz.		
magnificens Robinson 40-144	Utah		
transversus Robinson 40-144	Okla.		
atwateri Cart. 44-150	Ariz.		
* * *	Tex.		
aculeatus Robinson 40-143	Utah		
rossi Cart. 44-130	Tex.		
kirni Cart. 44-131	Tex.		
acuminatus Cart. 44-133	Tex.		
sepultus Cart. 44-146	Tex.		
captivus Cart. 44-147	Tex.		
floridanus Robinson 47-169	Fla.		
inyoensis VanD. 47-158	Cal.		
fenyesi VanD. 47-159	Ariz.		
<b>Oxyomus</b>			
silvestris Scop. 63-5		Wash. <sup>89</sup>	Eur.
<i>opacifrons</i> Horn 71-284 <sup>89</sup>			
<i>porcatus</i> Fab. 98-22 <sup>89</sup>			
<b>Atenius</b>			
spretulus (Hald.) 48-106			
<i>cursors</i> Fall 30-104 <sup>90</sup>			
<i>falli</i> Hntn. 34-119 <sup>90</sup>			
strigatus (Say) 23-212 <sup>91</sup>			
salutator Fall 30-99	Fla. W.I.		
<i>darlingtoni</i> Hntn. 37-179 <sup>92</sup>			
miamii Cart. 34-200			
<i>havanensis</i> Balth. 38-55 <sup>93</sup>			
saramari Cart. 39-360	Fla.		
convexus Robinson 40-149	Tex.		
linelli Cart. 44-28	Fla.		
saxatilis Cart. 44-29	N.C.-Ga.		
<b>Dialytes</b>			
umbratus Balth. 41-89	Can.		
<b>Psammodius</b>			
<i>shermani</i> Cart. 46-89			S.C. Ga.
<i>malkini</i> Cart. 46-90			Fla.
<b>Pleurophorus</b>			
<i>cæsus</i> (Creutz.)		Ore. N.Y. Wash. <sup>89</sup>	
<b>Kolbeus</b>			
<i>Bouc.</i> 11-335			
* <i>hornii</i> (Rivers) 86-61 <sup>95</sup>			Cal.
<i>minor</i> (Linell) 95-723 <sup>95</sup>			Tex.
<b>Bolboeceras</b>			
<i>angulus</i> Robinson 47-170			Tex.
<b>Odontaeus</b>			
<i>Klug</i>		( <i>Odontaeus</i> Lins. & Mich. 43-79)	
<b>Bolboecrosoma</b>			
<i>quadricornutum</i> Robinson 41-132			Tex.
<b>Eueanthus</b>			
<i>lazarus</i> (Fab.)			
<i>v.alutaceus</i> Cart. 44-30		Miss. Ala. Ga.	
<b>Geotrupes</b>			
<i>(occidentalis</i> Horn			not N.Am.) <sup>96</sup>
<b>Pleocoma</b> <sup>97</sup>			
<i>lucia</i> Linsley 41-145			Cal.
<i>nitida</i> Linsley 41-147			Cal.
<i>puncticollis</i> Rivers 89-17			L.Cal. <sup>98</sup>
<i>venturæ</i> Linsley 45-110			Cal.
<b>Trox</b>			
<i>affinis</i> Robinson 40-158 <sup>99</sup>		N.Y.-Va.-Cal.	
TROX s.str.			
<i>variolatus</i> Melsh.			
<i>erinaceus</i> Lec. 54-212 <sup>1</sup>			
<i>s.monticola</i> Robinson 40-158		Me.-Pa.-	
<i>foveicollis</i> Harold 72-181		[Utah]	
<i>insularis</i> Chev. 64-416 <sup>1</sup>			
<i>plicatus</i> Robinson 40-153			Ariz.
<i>contractus</i> Robinson 40-153			Tex.
<i>hamata</i> Robinson 40-153			N.J.-Ga.
<i>spinulosus</i> Robinson 40-156			Mich.
<i>dentibus</i> Robinson 40-156			Ariz.
<i>aciculeatus</i> Robinson 40-156			Ark. Mo.
<i>simi</i> Robinson 40-157			N. J. Pa. Va.
OMORGUS Er. 48-932			
<i>integer</i> Lec. 54-216 <sup>2</sup>			
<i>oligonotus</i> Loomis 22-133 <sup>1</sup>			
<i>oligomis</i> Leng & M. 27-38 <sup>1</sup>			
<i>texanus</i> Lec. 54-214 <sup>2</sup>			
<i>suturalis</i> Lec. 54-214 <sup>2</sup>			
<i>umbonatus</i> Lec. 54-214 <sup>2</sup>			
<i>platycyphus</i> Loomis 22-133 <sup>1</sup>			
<i>tesselatus</i> Lec. 54-216 <sup>2</sup>			Ariz.
<i>nodosus</i> Robinson 40-152			N.M.
<i>nigrescens</i> Robinson 41-134			L.Cal.
<i>confluens</i> Robinson 41-134			Utah
<i>fuliginosus</i> Robinson 41-134			Tex.
<i>tytus</i> Robinson 41-228			Pa.
<b>Sericia</b>			
( <i>Series</i> Saylor 36-4) <sup>3</sup>			
<i>pruinipennis</i> Saylor 36-4			
<i>pruinipennis</i> of 4th suppl.			
<i>pruinosa</i> Saylor 35-2 <sup>3</sup>			

89 Hatch—46.

90 Cartwright—43.

<sup>91</sup> Distinct species, Cartwright—43.

92 Cartwright—45.  
93 Ch. 1—18.

93 Chapin—40.  
94 Tidmarsh

<sup>94</sup> This spelling used in Cartwright—46.

<sup>95</sup> Transferred from *Bolboceras* by Chapin—46.

96 Bradley—44.

97 Key to species, Linsley—46.

<sup>98</sup> Linsley—41.

<sup>99</sup> Described as a subspecies of *A. E. b. b.* 18.

<sup>1</sup> Robinson—40  
<sup>2</sup> Listed as 111 cases by Robinson—40.

<sup>2</sup> Listed as valid  
<sup>3</sup> Saylor, 19

<sup>3</sup> Saylor—40.

## SCARABEIDAE

allenii Saylor 39-457	Cal.	curialis Reinh. 39-54	Tex.
mendotae Saylor 39-457	Cal.	pudorosa Reinh. 39-55	La. Tex.
chicoensis Saylor 39-458	Cal.	opacita Reinh. 39-56	Tex.
sandiegensis Saylor 39-458	Cal.	tristis (Fab.)	
searlei Saylor 39-459	Cal.	s.tristis s.str.	e.St.-B.C.
cuyamaca Saylor 39-459	Cal.	s.apicata Reinh. 39-58	Md.-Ga.-Tex.
craigheadi Saylor 39-55	L.Cal.	s.suttonana Reinh. 39-59	Tex.
cruci Saylor 39-55	Sta.Cruz I. (Cal.)	s.amplicornis Reinh. 39-59	Tex.
joaquinella Saylor 39-56	Cal.	reevesi Saylor 39-89	Cal.
oliveri Saylor 39-56	Cal.	xerophila Saylor 39-89	Cal.
elmontea Saylor 39-56	Cal.	rossi Saylor 39-452	Ariz.
watsoni Saylor 39-58	Cal.	chippewa Saylor 39-155	Minn.
arkansana Dawson 47-223	Ark.	ovalis Cart. 39-353	Fla.
atratula Lee. 56-274	Tex. Okla.	sodalis Reinh. 40-4	Tex.
s.montana Dawson 47-226	Tex. Okla. La.	aurea Lug. & Paint. 41-716	Okla.
contorta Dawson 47-227	Tex. Ark. Okla.	yemasseei Cart. 44-30	S.C.
æmula Dawson 47-228	Tex.	tecta Cart. 44-32	Fla.
anthracina Lec. 56-276	S.D.-N.M.-Cal.-	marginalis Lee.	
frontalis Lec. 56-276 <sup>4</sup>	[B.C.]	v.insolita Cart. 44-33	Ala.
robusta Lec. 56-276 <sup>4</sup>		zavalana Reinh. 46-69	Tex.
valida Harold 69-123 <sup>4</sup>		bubbiella Cart. 46-10	Ala. Ga.
crassata Walk. 66-323 <sup>4</sup>		georgiana Schffr. 09-382	
satrapa Dawson 47-231	Cal.	duvalius Robinson 38-110 <sup>9</sup>	
concinna Dawson 47-232	Ariz.	sylvatica Sandn. 42-49	Ga.-Neb.
subnisa Dawson 47-233	Cal.	inopia Sandn. 42-51	Ariz. Mex.
catalina Dawson 47-234	Cal.	incuria Sandn. 42-53	
<b>Diplotaxis</b>	Okla.	texana Sandn. 37-16	
nigra Cart. 39-361	Cal.	ravida Blanch. 50-136	(C.A.)
dahlii Cazier 40-251	Cal.	s.guatemalica Moser 18-24	Tex. <sup>10</sup> C.A.
cribrulosa Lec. 56-270	Tex.-Ariz.	gravidula Moser 21-247	
popino Csy. 85-179 <sup>5</sup>		perita Sandn. 37-14 <sup>10</sup>	
impressifrons Cazier 40-127	Cal. Ore.	onchophora Chpn. 32-184	Cuba, Ga.
saylori Cazier 40-128	Ariz.	<b>PHYLLOPHAGA</b> s.str.	
æqualis Cazier 40-129	Ariz.	tenora Saylor 43-135	Tex. Mex.
fulgida Cazier 40-130	Tex.	TOSTEGOPTERA Blanch. <sup>11</sup>	
aconicus Cazier 40-131	Ariz.	lanceolata Say 23-242	
aulacochela Cazier 40-131	Tex.	arizonæ Blöcker 36-55 <sup>8</sup>	
ungulatus Cazier 40-132	Ariz.	grisiana Blöcker 36-56 <sup>8</sup>	
persicae Cazier 40-133	Ariz.	cazieri Blöcker 36-57 <sup>8</sup>	
parkeri Cazier 40-133	Ariz.	EUGASTRA Lec. <sup>11</sup>	
microps Cazier 40-134	Ariz.	* <b>LISTROCHELUS</b> Blanch. <sup>11</sup> <sup>12</sup>	
recticanthus Cazier 40-135	Ariz.	miraflores Saylor 40-72	L.Cal.
brevicornis Cazier 40-136	N.M.	densicollis (Lec.) 63-77	L.Cal.
arta Cazier 40-136	Cal.	carminator (Horn) 94-398	L.Cal.
ungula Cazier 40-137	Tex.	michelbacheri Saylor 40-76	L.Cal.
fulva Robinson 46-58	Utah	pilosipes Saylor 40-76	L.Cal.
<b>Triodonyx</b> Saylor 42-158		puberulus (Lec.) 63-78 (not DuVal) <sup>12</sup>	
* ecostata (Horn) 87-284 <sup>6</sup>	Tex.	peninsularis Saylor 40-77	L.Cal.
<b>Phyllophaga</b> <sup>7</sup>		trochanter Saylor 40-78	Ariz.
fucata Horn 87-278		gracilis (Horn) 85-123 (not Burn.) <sup>12</sup>	
linsleyi Saylor 36-4 <sup>8</sup>		scoparia (Lec.) 56-264	Ariz. Mex.
torta Lec. 56-239	Tex. N.M. Mex.	disparilis (Horn) 78-141	Colo.-Ariz. Mex.
dampfi Arrow 37-148 <sup>8</sup>		huachuca Saylor 40-82	Ariz. Mex.
vetula Horn 87-274	N.M. Ariz. Mex.	chapini Saylor 40-84	N.M. Ariz.
longipilosa Bates 88-209 <sup>8</sup>		flavipennis (Horn) 85-123	N.M. Ariz.
lenis Horn 87-287	Ariz. Cal. Mex.	granti Saylor 40-85	Ariz. Mex.
anodentata Bates 88-208 <sup>8</sup>		mucorea (Lec.) 56-263	Kan. Tex.-Cal.
rubricosa Reinh. 39-47	Tex.	texanus (Lec.) 56-263 <sup>12</sup>	[Mex.]
renodis Reinh. 39-48	Tex.	obtusus (Lec.) 56-264 <sup>12</sup>	
plena Reinh. 39-49	Tex.	pulcher (Linell) 96-730	Tex.
ephilida (Say)		reinhardti Saylor 40-89	Tex.
s.virilis Reinh. 39-51	Tex.	plena (Fall) 32-199	Ariz.
sacoma Reinh. 39-52	Ark. Tex.	opacicollis (Horn) 78-145	N.M. Utah Ariz.
<sup>4</sup> Dawson—47.		tarsalis (Schffr.) 08-319	N.M. Ariz.
<sup>5</sup> Cazier—40.		scuticeps (Bates) 88-171	Tex. Mex.
<sup>6</sup> Transferred from Phyllophaga by Saylor—42.			
<sup>7</sup> Boving—42, gives a regrouping of the N.A. species, breaking up Horn's groups; also key to known larvae.		<sup>8</sup> Saylor—39.	
		<sup>9</sup> Robinson—47.	
		<sup>10</sup> Sanderson—42.	
		<sup>11</sup> Treated as a subgenus by Saylor—42.	
		<sup>12</sup> Saylor—40; revision of subgenus.	

fimbripes (Lec.)	56-264	Neb.-Tex.-Ariz.	speciosa Csy.	89-17	Colo. N.M.
falsa (Lec.)	56-264	Kan.-N.M.-Cal.	acomana Csy.	14-342 <sup>15</sup>	
<i>langeri</i> Chpn.	34-93 <sup>12</sup>		latifrons Csy.	14-340 <sup>15</sup>	
<i>s.nogales</i> Saylor	40-99	Ariz.	decemlineata (Say)	23-216	Kan.-Cal.-
<i>koehleriana</i> Saylor	40-99	Tex. N.M.	<i>parilis</i> Csy.	14-345 <sup>15</sup>	[Wash.]
<i>neomexicana</i> Saylor	40-101	N.M.	<i>laticauda</i> Csy.	14-345 <sup>15</sup>	
<i>parilis</i> (Bates)	88-172	Tex. Mex.	<i>reducta</i> Csy.	14-346 <sup>15</sup>	
<i>cavata</i> (Bates)	88-170	N.M. Mex.	<i>pacificica</i> Csy.	95-607 <sup>15</sup>	
<i>micros</i> (Bates)	88-170	Colo. Mex.	<i>squamotecta</i> Csy.	14-343 <sup>15</sup>	
<i>cochise</i> Saylor	40-105	Ariz. Mex.	<i>ruficollis</i> Csy.	14-346 <sup>15</sup>	
<i>texensis</i> Saylor	40-106	Tex.	<i>castanea</i> Csy.	14-347 <sup>15</sup>	
<i>wickhami</i> Saylor	40-107	Tex.-Ariz.	<i>oregona</i> Csy.	14-348 <sup>15</sup>	
<i>cushmanni</i> Saylor	40-109	Tex.-Ariz. Mex.	<i>perversa</i> Csy.	14-348 <sup>15</sup>	
<i>maemurriyi</i> Saylor	40-110	Okl. Tex.	modulata Csy.	14-333 <sup>16</sup>	Ore.
<i>duncani</i> (Barrett)	33-129	Ariz.	<i>comstockiana</i> Blöcker	40-150 <sup>15</sup>	
<i>arizona</i> Saylor	40-112	Tex.-Ariz.	matrona Csy.	14-350	Ariz.
<i>timida</i> (Horn)	78-146	Ariz.	occidentalis (L.)	67-555	Va.-Fla.
<i>snowi</i> Saylor	40-114	Ariz.	variolosa (Hentz)	40-256	Me.-N.J.
<i>senex</i> (Horn)	78-148	Tex. N.M.	comes Csy.	14-352	Ky.
* * *			gracilis Horn	81-73	Fla.
<i>luginbilli</i> Saylor	41-145	N.M.	pubescens Cart.	39-362	Fla.
<i>pleroma</i> Reinh.	40-5		* * *		
<i>plena</i> Reinh.	39-49 (not Fall)		peninsularis VanD.	43-103	L.Cal.
<i>CHLÆNOBIA</i> Blanch. <sup>11</sup>			nubila VanD.	47-160	Cal.
<i>PHYTALUS</i> Er. <sup>11 13</sup>			diffracta Csy.		N.M.
<i>aegrotus</i> Bates	88-182	Tex. C.A. <sup>10</sup>	<i>s.arida</i> VanD.	47-161	Utah
<b>Polyphylla</b> Harris 42-30 <sup>14 15</sup>					
* <i>cavifrons</i> Lec.	54-222	Ariz. Cal. Mex.			
<i>squamiventris</i> Cazier	39-199	Tex.			
<i>hammondi</i> Lec.	56-228	Ill.-Tex.-Ariz.			
<i>squamicauda</i> Csy.	14-324 <sup>15</sup>				
<i>molesta</i> Csy.	14-324 <sup>15</sup>				
<i>verecunda</i> Csy.	14-325 <sup>15</sup>				
<i>oblita</i> Csy.	14-326 <sup>15</sup>				
<i>impigra</i> Csy.	14-326 <sup>15</sup>				
<i>subvittata</i> Lec.	56-229 <sup>15</sup>				
<i>bisinuata</i> Csy.	14-327 <sup>15</sup>				
<i>sejuncta</i> Csy.	14-328 <sup>15</sup>				
<i>proba</i> Csy.	14-329 <sup>15</sup>				
<i>diffusa</i> Csy.	14-329 <sup>15</sup>				
<i>pimalis</i> Csy.	14-330 <sup>15</sup>				
<i>oklahomensis</i> Hatch	26-145 <sup>15</sup>				
<i>hirsuta</i> VanD.	33-116	Ariz.			
<i>diffracta</i> Csy.	89-17	N.M. Ariz.			
<i>fuscata</i> Fall	08-161 <sup>15</sup>				
<i>adjusta</i> Csy.	14-331 <sup>15</sup>				
<i>uteana</i> Tanner	28-276	Utah			
<i>rufescens</i> Tanner	28-276	Utah			
<i>opposita</i> Csy.	14-330	?Ore.			
<i>barbata</i> Cazier	38-161	Cal.			
<i>rugosipennis</i> Csy.	14-336	Ariz. Cal.			
<i>lavicauda</i> Csy.	14-338 <sup>15</sup>				
<i>sobrina</i> Csy.	14-339	Cal.			
<i>allenii</i> Cazier	39-201	Ariz.			
<i>crinita</i> Lec.	56-230	Cal.-Wash.			
<i>nigra</i> Csy.	14-334 <sup>15</sup>				
<i>mystica</i> Csy.	14-334 <sup>15</sup>				
<i>incolumis</i> Csy.	14-335 <sup>15</sup>				
<i>relicta</i> Csy.	14-336 <sup>15</sup>				
<i>robustula</i> Csy.	14-336 <sup>15</sup>				
<i>ona</i> Blöcker	40-148 <sup>15</sup>				
<i>santarosae</i> Blöcker	40-149 <sup>15</sup>				
<i>santaeruzae</i> Blöcker	40-149 <sup>15</sup>				
<i>martini</i> Blöcker	40-150 <sup>15</sup>				
<i>arguta</i> Csy.	14-339	Utah			

<sup>13</sup> Footnote \* in 4th Suppl. should read Saylor —39, not Sanderson—39.

<sup>14</sup> Key to Canadian species, Brown—40.

<sup>15</sup> Cazier—40; revision of genus.

<sup>16</sup> Originally described as a subspecies of *decemlineata* Say.

<sup>17</sup> Saylor—45; key and revision.

<sup>18</sup> Brown—46; key to eastern species.



- (*Palechus* Csy. 15-174)<sup>26</sup>  
*morator* (Fab.) 99-24 e.st.-Tex.  
*trachypygus* Burm. 47-79<sup>27</sup>  
*discdens* Csy. 15-171<sup>27</sup>  
*borealis* Csy. 15-171<sup>27</sup>  
*picipes* (Burm.) 47-79 Kan.-Cal. Mex.  
*obsoletus* (Lec.) 54-222<sup>27</sup> [W.I.]  
*geminatus* (DuVal) 56-127<sup>27</sup>  
*ebeninus* Csy. 15-169<sup>27</sup>  
*subquadratus* Csy. 15-166<sup>27</sup>  
*gilianus* Saylor 45-380  
*gilianus* Csy. 15-168<sup>27</sup>  
*levisimus* Csy. 15-167<sup>27</sup>  
*puncticauda* Csy. 09-282<sup>27</sup>  
*punctipes* Bates 88-312<sup>27</sup>
- Cyclocephala** Latr. 29-552<sup>26</sup>  
\* (*Spilosota* Csy. 15-112)<sup>26</sup>  
(*Ochrosidia* Csy. 15-112)<sup>26</sup>  
(*Dichromina* Csy. 15-112)<sup>26</sup>  
*knobelae* (Brown) 34-23 Ark.  
*dimidiata* Burn. 47-57 Ark.-S.A.  
*ocularis* (Csy.) 15-162<sup>27</sup>  
*elegans* Horn 71-337<sup>27</sup>  
*puberula* Lec. 63-80 Ga. Fla. Ala.  
*sedidiosa* Lec. 63-79 (not 56-79) Ga. Ala.  
*setidiosa* Saylor 45-382  
*hirta* Lec. 61-346 Utah. Tex.-L.Cal.-Cal.  
*palidissima* Csy. 15-133<sup>27</sup>  
*magister* Csy. 15-132<sup>27</sup>  
*inconspicua* Csy. 15-133<sup>27</sup>  
*nubeculina* Csy. 15-131<sup>27</sup>  
*lurida* Bland 63-354<sup>27</sup>  
*s.pilosicollis* Saylor 36-2<sup>27</sup> Cal.  
*longula* Lec. 63-79 Utah.-Ore.-L.Cal.  
*californica* Arrow 37-9<sup>27</sup>  
*abrupta* (Csy.) 15-152<sup>27</sup>  
*phasma* (Csy.) 15-156<sup>27</sup>  
*obesula* (Csy.) 15-156<sup>27</sup>  
*oblolgula* (Csy.) 15-156<sup>27</sup>  
*rustica* (Csy.) 15-157<sup>27</sup>  
*reflexa* (Csy.) 15-153<sup>27</sup>  
*marcida* (Csy.) 15-155<sup>27</sup>  
*rugulifrons* Csy. 15-154<sup>27</sup>  
*prona* (Csy.) 15-157<sup>27</sup>  
*ambiens* (Csy.) 15-155<sup>27</sup>  
*nodulata* (Csy.) 15-154<sup>27</sup>  
*robusta* Lec. 63-79 La. Ark. Tex.  
*nigricollis* Burm. 47-54<sup>27 28</sup>  
*subvittata* (Brown) 30-5<sup>27 28</sup>  
*nigrocollis* Saylor 45-384  
*pasadenae* (Csy.) 15-148 Tex.-Cal. L.Cal.  
*arizonica* (Csy.) 15-149<sup>27</sup>  
*melina* (Csy.) 15-149<sup>27</sup>  
*pusilla* (Csy.) 15-150<sup>27</sup>  
*facilis* (Csy.) 15-150<sup>27</sup>  
*validiceps* (Csy.) 15-148<sup>27</sup>  
*ovatula* (Csy.) 15-151<sup>27</sup>  
*borealis* Arrow 37-172 e.U.S.-Ark. Neb.  
*villosa* Burm. 47-54<sup>27</sup>  
*parallela* (Csy.) 15-144<sup>27</sup>  
*immaculata* (Oliv.) 89-29 e.U.S.-N.M.  
*frontalis* Sturm 43-116<sup>27</sup>  
*rufifrons* (Csy.) 15-145<sup>27</sup>  
*tenuicutis* (Csy.) 15-146<sup>27</sup>  
*pagana* (Csy.) 15-148<sup>27</sup>  
*protenta* (Csy.) 15-144<sup>27</sup>
- Aspidolea** Bates 88-296<sup>28</sup>  
*texana* Höhne 12-84

?Tex.

\* \* \*

**Dynastinæ***ORYCTINI*<sup>29</sup>

- Cheiroplatys** Hope 37-84<sup>29</sup>  
\* (*Orizabus* Fairm. 78-260)<sup>29</sup>  
(*Pseudaphonus* Csy. 15-210)<sup>29</sup>  
(*Aztecarius* Csy. 15-228)<sup>29</sup>  
*clunalis* (Lec.) 56-23 Tex.-Ariz. Mex.  
*verticalis* Fall 05-272<sup>29</sup>  
*ligyrides* (Horn) 85-125<sup>29</sup>  
*sallei* (Fairm.) 78-262<sup>29</sup>  
*marginatus* (Fairm.) 78-262<sup>29</sup>  
*cultripes* (Fairm.) 78-261<sup>29</sup>  
*frontalis* (Csy.) 15-226<sup>29</sup>  
*ponderosæ* (Csy.) 15-228<sup>29</sup>  
*parvitaris* (Csy.) 15-227<sup>29</sup>  
*snowi* (Horn) 85-124<sup>29</sup>  
*pyriformis* (Lec.) 48-21 Colo. N.M.  
*ovalis* (Csy.) 15-212<sup>29</sup>  
*repens* (Csy.) 15-212<sup>29</sup>  
*debiliceps* (Csy.) 15-213<sup>29</sup>  
*lucidus* (Csy.) 15-213<sup>29</sup>  
*puncticollis* (Csy.) 15-335<sup>29</sup>  
*isodonoides* (Fairm.) 78-263 Colo. Mex.  
*brevicollis* (Prell) 14-204 L.Cal.Mex.
- Strategus** Hope 37-87<sup>29</sup>  
\* (*Anastrategus* Csy. 15-231)<sup>29</sup>  
(*Strategodes* Csy. 15-245)<sup>29</sup>  
(*Stratogopsis* Chpn. 32-302)<sup>29</sup>  
(*Scatophilus* Chpn. 32-302)<sup>29</sup>  
*julianus* Burn. 47-133 Miss.-S.A.  
*gailliardi* Csy. 15-244<sup>29</sup>  
*roosevelti* Csy. 15-241<sup>29</sup>  
*arizonicus* Schffr. 15-47<sup>29</sup>  
*tarsalis* Csy. 15-243<sup>29</sup>  
*mormon* Burn. 47-130 Kan. Tex. Utah  
*splendens* (Beauv.) 05-89 N.C.-Fla.  
*bosci* (Beauv.) 05-89<sup>29</sup>  
*carolinensis* (Csy.) 15-237<sup>29</sup>  
*cognatus* (Csy.) 15-236<sup>29</sup>  
*cessus* Lec. 66-382 Ariz. N.M. Mex.  
*durangoensis* (Csy.) 15-234<sup>29</sup>  
*inflatus* (Csy.) 15-234<sup>29</sup>  
*tantalus* (Csy.) 15-235<sup>29</sup>  
*cavicauda* (Csy.) 15-233<sup>29</sup>  
*antæus* (Drury) 73-74 R.I.-Fla.-Tex.  
*maimon* (Fab.) 75-10<sup>29</sup>  
*syphax* Burm. 47-131<sup>29</sup>  
*houstonensis* Knaus 25-182<sup>29</sup>  
*atrolucens* (Csy.) 15-247<sup>29</sup>  
*pinorum* (Csy.) 15-248<sup>29</sup>  
*septentrionis* (Csy.) 15-249<sup>29</sup>  
*divergens* (Csy.) 15-246<sup>29</sup>  
*sinuatus* (Csy.) 15-250<sup>29</sup>  
*semistriatus* (Csy.) 15-250<sup>29</sup>

*Nyloryctes* Hope 37-90<sup>29</sup>

- \*
- jamaicensis*
- (Drury) 73-74 e.U.S.-Ariz.
- 
- satyrus*
- (Fab.) 75-12
- <sup>29</sup>
- [Jam.
- 
- americanus*
- (Beauv.) 05-75
- <sup>29</sup>
- 
- faunus*
- Csy. 95-609
- <sup>29</sup>
- 
- hebes*
- Csy. 15-257
- <sup>29</sup>
- 
- lacustris*
- Csy. 15-225
- <sup>29</sup>
- 
- tenuicornulus*
- Csy. 15-255
- <sup>29</sup>
- 
- obsolescens*
- Csy. 15-256
- <sup>29</sup>

<sup>29</sup> Saylor—46; revision.<sup>30</sup> See notes under Cyclocephala, above.

- Ligyrus** Burm. 47-542 <sup>29 30</sup>  
 \* (*Tomarus* Er. 47-95 <sup>29</sup>)  
*Ligyrodes* Csy. 15-178 <sup>29</sup>  
*Grylius* Csy. 15-189 <sup>29</sup>  
*Anagrylius* Csy. 15-204 <sup>29</sup>  
*Ligyrellus* Csy. 15-206 <sup>29</sup>  
*Euligyrus* Csy. 15-185 <sup>29</sup>  
*relictus* (Say) 25-194 R.I.-Neb.-Ariz.  
*clypealis* (Csy.) 15-181 <sup>29</sup>  
*parviceps* (Csy.) 15-182 <sup>29</sup>  
*quadripennis* (Csy.) 15-182 <sup>29</sup>  
*vernecollis* (Csy.) 15-182 <sup>29</sup>  
*dawsoni* (Csy.) 24-334 <sup>29</sup>  
*sallei* Bates 88-318 Tex. C.A.  
*a-tecus* Csy. 15-184 <sup>29</sup>  
*propinquus* Csy. 15-183 <sup>29</sup>  
*cuniculus* (Fab.) 01-20 U.S., C.A., S.A.  
*tumulosus* (Burm.) 47-101 <sup>29</sup> [W.I.]  
*antillarum* (Beauv.) 05-101 <sup>29</sup>  
*gibbosus* (Deg.) 71-322 U.S., L.Cal., Mex.  
*variolosus* (Burm.) 55-121 <sup>29</sup>  
*juvencus* (Burm.) 55-121 <sup>29</sup>  
*morio* (Lee.) 48-20 <sup>29</sup>  
*obsoletus* (Lee.) 48-87 <sup>29</sup>  
*neglectus* (Lee.) 48-87 <sup>29</sup>  
*puncticauda* Csy. 15-195 <sup>29</sup>  
*arizonensis* Csy. 15-201 <sup>29</sup>  
*brevipes* Csy. 15-202 <sup>29</sup>  
*breviusculus* Csy. 15-196 <sup>29</sup>  
*lacustris* Csy. 15-196 <sup>29</sup>  
*californicus* Csy. 15-203 <sup>29</sup>  
*laticollis* Csy. 15-203 <sup>29</sup>  
*curlipennis* Csy. 15-199 <sup>29</sup>  
*effetus* Csy. 15-200 <sup>29</sup>  
*farcutus* Csy. 15-200 <sup>29</sup>  
*latulus* Csy. 15-197 <sup>29</sup>  
*levicauda* Csy. 15-202 <sup>29</sup>  
*laticauda* Csy. 15-197 <sup>29</sup>  
*longulus* Csy. 15-193 <sup>29</sup>  
*parallelus* Csy. 15-194 <sup>29</sup>  
*remotus* Csy. 15-194 <sup>29</sup>  
*rubidus* Csy. 15-198 <sup>29</sup>  
*lucublandus* Csy. 15-199 <sup>29</sup>  
*scitulus* Csy. 15-203 <sup>29</sup>  
*spissipes* Csy. 09-293 <sup>29</sup>  
*texanus* Csy. 15-195 <sup>29</sup>  
*virginicus* Csy. 15-193 <sup>29</sup>  
*bicorniculatus* Csy. 15-198 <sup>29</sup>  
*subtropicus* Blatch. 22-30 S.C.-Fla.  
*blatchleyi* Cart. 41-34 <sup>29</sup>  
*kevicollis* Bates 88-316 Ariz., L.Cal., C.A.  
*bryanti* Rivers 91-97 <sup>29</sup>
- Oxygryllus** Csy. 15-208 <sup>29</sup>  
 \* (*Oxygryllus* Saylor 46-41)  
*ruginatus* (Lee.) 56-20 N.M.-Cal., L.Cal.  
*peninsularis* Csy. 15-209 <sup>29</sup> [Mex.]
- Aphonides** Rivers 15-230 <sup>29</sup>  
 \* (*Anoplognathus* Rivers 89-101 <sup>29</sup>)  
*dunnianus* (Rivers) 89-102 Tex., Ariz.
- Euethocela** Bates 88-314 <sup>29</sup>  
 \* *rugiceps* (Lee.) 56-21 Ga.-Ky.-Tex.  
*subglabra* (Schfr.) 09-383 Ariz., Mex.
- \* \* \*
- Aphonus**  
*brevierurus* Cart. 44-36 Tex.

<sup>29</sup> Saylor—46; revision.<sup>31</sup> Cazier—40; key to genera and species.

## SCARABEIDE

PHILEURINI <sup>31</sup>

- Phileurus** <sup>31</sup>  
*truncatus* Beauv. 07-41 Fla.-Mex.  
*recurvatus* Csy. 15-266 <sup>31</sup>  
*illatus* Lee. 54-80 Ariz., Cal., L.Cal.  
*vittulus* Lee. 66-80 <sup>31</sup>  
*phoenicis* Csy. 15-267 <sup>31</sup>  
*puncticollis* Csy. 15-268 <sup>31</sup>  
*castaneus* Hald. 14-304 Pa.-Fla.-Ariz.  
*texensis* Csy. 15-268 <sup>31</sup>  
*sulcifer* Csy. 15-269 <sup>31</sup>  
*floridanus* Csy. 15-270 <sup>31</sup>  
*carolinus* Csy. 15-269 <sup>31</sup>  
*valgus* of authors  
*valgus* (L.) 58-347 (W.I., S.A.)  
*s.septentriomis* Kolbe 10-352 <sup>31</sup> Ala.-[Tex., Cuba]

## Archophileurus

- cribrosus* (Lee.) 54-80 Tex., Mex.  
*bullatus* Csy. 15-274 <sup>31</sup>  
*longulus* Csy. 15-273 <sup>31</sup>  
*brevis* Csy. 15-272 <sup>31</sup>  
\* \* \*

## Cotinis

- pallidata* G. & P. 33-336 Ariz., Cal.  
*arizonica* Csy. 15-287 <sup>32</sup>

## Chlorixanthe

- Bates 89-374 chapini Cart. 39-363 Tex., Mex.

CREMASTOCHEILINI <sup>33 34</sup>

- Lissomelas** Bates 89-376 <sup>33</sup>  
 \* *fhlotri* Bates 89-376 Ariz., Mex.
- Psiloenemis** Burm. 42-676 <sup>33</sup>  
 \* *leucosticta* Burm. 42-677 Md.-N.C., Mex.
- Genuchinus** Westw. 71-23  
 \* *ineptus* Horn 85-127 Ariz., Cal.  
*angustus* Csy. 15-344 Ariz.
- Cremastochelus** Knoch 01-115 <sup>33</sup>  
 \* *MACROPODINA* Csy. [15-344 <sup>33 34</sup>]  
*puncticollis* Cazier 40-124 Ariz., Cal.  
*planatus* Lee. 63-81 Ariz., Cal., Mex.  
*ampla* Csy. 15-346 <sup>33 34</sup>  
*depressa* (Horn) 71-340 <sup>34</sup>  
*beameri* Cazier 40-126 Ariz.,  
*CREMASTOCHEILUS* s.str.  
*harrisii* Kby. e.U.S.  
*castanea* Knoch Can.-Conn.-Colo.-Gulf  
*v.lecontei* Westw. <sup>33</sup> Miss.vall.  
*v.pocularis* Csy. <sup>33</sup> Man.-Colo.  
*v.brevisetosus* Csy. <sup>33</sup> s.U.S.  
*canaliculatus* Kby. Can.-Ga.-Ohio  
*retractus* Lee. Ia.-Tex.  
*v.incisus* Csy. <sup>33</sup> Kan., Colo.  
*variolosus* Kby. e.U.S.  
*squamulosus* Lee. N.C.-Fla.  
*angularis* Lee. Cal.  
*compressipes* Csy. <sup>33</sup>  
*nitens* Lee. Neb., Mo., Kan.  
*chapini* Cazier 40-130 Ariz.

<sup>32</sup> Chapin—46.<sup>33</sup> Potts—45; key to genera and species.<sup>34</sup> Cazier—40; key to genera.

armatus Walk.	Nev. Cal.-B.C.
<i>densicollis</i> Csy. <sup>33</sup>	
<i>obliquus</i> Csy. <sup>33</sup>	
v.maritimus Csy. <sup>33</sup>	Cal. Ore.
<i>maritimus</i> Potts 45-76	
v.montanus Csy. <sup>33</sup>	Nev. Cal.-Wash.
v.cribripennis Csy. <sup>33</sup>	Cal.
mexicanus Schaum	Ariz.
crinitus Lec.	Tex. N.M.
<i>bifoveatus</i> VanD. <sup>33</sup>	N.M.-Ariz.-B.C.
<i>pugetanus</i> Csy. <sup>33</sup>	Colo.-Wash.
knochii Lec.	Man.-N.M.
<i>gracilipes</i> Csy. <sup>33</sup>	
<i>areolatus</i> Csy.	
pulverulentus Cazier 40-131	N.M.
quadratus Fall	Ariz.
westwoodi Horn	Cal.
<i>tridens</i> Csy. <sup>33</sup>	Cal.
schaumi Lec.	Cal.
<i>tibialis</i> Csy. <sup>33</sup>	Ariz. Cal.
lengi Cazier	Ariz.
wheeleri Lec.	Mont. Neb.-Cal.
constricticollis Cazier 40-127	Ariz.
saucius Lec.	Neb.-Colo.-Tex.
hirsutus VanD.	Ariz.
spinifer Horn	Tex.
opaculus Horn	Ariz. Cal.
setosifrons Csy.	Kan.
quadricollis Csy.	Tex.
planipes Horn	Ariz.
mentalis Cazier 40-129	N.M.

\* \* \*

<b>Osmoderma</b> Lep. & Serv. 25-702 <sup>35</sup>
* ( <i>Gymnodus</i> Kby. 37-139) <sup>35</sup>
seabra (Beauv.) 05-58 <sup>36</sup>
<i>foveatus</i> Kby. 37-140 <sup>35</sup>
<i>rugosa</i> Kby. 37-140 <sup>35</sup>
<i>delicatula</i> Csy. 15-372 <sup>35</sup>
<i>gracilipes</i> Csy. 15-374 <sup>35</sup>
<i>beauvoisii</i> Baum. 41-481 <sup>35</sup>
<i>caviceps</i> Csy. 15-374 <sup>35</sup>
<i>lacustrina</i> Csy. 15-375 <sup>35</sup>
<i>caseyi</i> Schenk. 22-9 <sup>35</sup>
erenicola Knoch 01-105
<i>subplanata</i> Csy. 15-376 <sup>35</sup>
<i>montana</i> Wickh. 20-233 <sup>35</sup>

**LUCANIDÆ****PLATYCYRINI**<sup>37</sup>

<b>Platycerus</b> Geoff. 62-62 <sup>38</sup>
* ( <i>Systemocerus</i> Weise 83-93) <sup>38</sup>
( <i>Systemus</i> Shp. & Muir 12-573) <sup>38</sup>
oregonensis Westw. 16-277
<i>oregonensis</i> Westw. 44-106 <sup>38</sup>
<i>cærulescens</i> Lec. 61-345 <sup>38</sup>
<i>chalybæus</i> Csy. 97-639 <sup>38</sup>
virescens (Fab.) 94-87
<i>quercus</i> Weber 01-85 <sup>38</sup>
<i>securidens</i> Say 23-249 <sup>38</sup>

<sup>35</sup> Hoffmann—39; key to species.<sup>36</sup> Not validated in this reference; see later uses, such as Gory & Perch. 33-47.<sup>37</sup> Benesh—46; new tribe and key to genera.<sup>38</sup> Benesh—46; revision.<sup>39</sup> Placed as a synonym of *marginalis* by Benesh —46; reinstated as species by Benesh in litt.

<i>scaritoides</i> Sturm 43-136 <sup>38</sup>
<i>quercticola</i> Knoch 68-961 <sup>38</sup>
<i>angustus</i> Csy. 08-280 <sup>38</sup>
<i>iowanus</i> Csy. 08-280 <sup>38</sup>
<i>peregrinus</i> Csy. 08-280 <sup>38</sup>
piceus Kby. 37-141
<i>Newf.-Md.-Ida.</i>
depressus Lec. 50-224 <sup>38</sup>
marginalis Csy. 97-639
<i>Wyo.-Cal.-B.C.</i>
cribripennis VanD. 28-107 <sup>39</sup>
<i>Cal.</i>

**Platyceroides** Benesh 46-175

*
( <i>Platycerus</i> Lec. 61-345, part) <sup>37</sup>
agassizii (Lec.) 61-345 <sup>40</sup>
<i>Cal. Ore.</i>
<i>agassizii</i> of authors <sup>40</sup>
<i>parvicollis</i> (Csy.) 90-164 <sup>38 41</sup>
<i>pacificus</i> (Csy.) 90-165 <sup>38 41</sup>
<i>californicus</i> (Csy.) 85-331 <sup>38</sup>
<i>s.pygmaeus</i> VanD. 46-88
<i>aneus</i> (VanD.) 28-109
<i>Ore. Wash.</i>
<i>thoracicus</i> (Csy.) 95-154
<i>opuscus</i> (Fall) 06-393
<i>latus</i> (Fall) 01-291
<i>viriditinctus</i> (Benesh) 42-222
<i>laticollis</i> (Csy.) 14-373
<i>Cal.</i>
<i>Ore.</i>

**Platyceropsis** Benesh 46-195

*
( <i>Platycerus</i> Csy. 95-153, part) <sup>37</sup>
keeni Csy. 95-153
<i>Cal.-B.C.</i>
pedicularis Möll. 12-302 <sup>38</sup>

**CERAMBYCIDÆ****Stenodontes**

NOTHOPELURUS Lac.
lobigenis (Bates) 84-235 Tex.-Cal. L.Cal.
[Mex.]
gnatho Lec. 58-81 (not White) <sup>42</sup>
mandibularis Gemm. 72-254 (not castaneus Csy. 24-225 <sup>42</sup> ) [Fab.] <sup>42</sup>

**Orthosoma** Serv. 32-154<sup>43</sup>

cylindricus Fab.

<b>Sinodiemum</b>
pacificum Linsley 34-107 [Tres Marias Is.]
s.peninsulare Linsley 42-27 L.Cal.

**Aseminae****ATIMINI**<sup>44</sup>

<b>Atimia</b> <sup>45</sup>
vandykei Linsley 39-74
hoppingi Linsley 39-75
N.M. Ore. Wash.

\* \* \*

**Haplidus**

laticeps Knoll 41-317
Tex.

**Styloxus** Lec. 73-239

( <i>Idæma</i> Horn 80-137) <sup>46</sup>
( <i>Malthophia</i> Csy. 12-308) <sup>46</sup>
( <i>Malthophia</i> Linsley 40-34)

<sup>40</sup> These spellings reversed by Benesh—46.<sup>41</sup> This date is given as 1889 by Leng and as 1875 by Benesh.<sup>42</sup> Linsley—42.<sup>43</sup> Distinct genus, Linsley—40.<sup>44</sup> Linsley—39; key to genera.<sup>45</sup> Linsley—39; key to species.<sup>46</sup> Linsley—40.

## METHIINI 47

<b>Tessaropa</b>	
	( <i>Dysphaga</i> Lec. 52-143) <sup>46</sup>
	( <i>Tessaroptes</i> G. & H. 73-3063) <sup>46</sup>
<b>Coleometbia</b> Linsley 40-32	
* <i>evaniformis</i> (Knoll) 37-306 <sup>48</sup>	Tex.
<b>Methia</b>	
<i>robusta</i> Linsley 40-285	Cal.
<i>dubia</i> Linsley 40-286	Ariz.
<i>acostata</i> Linsley 40-287	Ariz.
<i>knalli</i> Linsley 40-288	Ariz.
<i>carinata</i> Linsley 40-289	Ariz.
<i>picta</i> Linsley 42-29	L.Cal.
<i>separata</i> Linsley 42-30	L.Cal.
<i>subarmata</i> Linsley 42-31	L.Cal.
<i>pallidipennis</i> Linsley 42-32	L.Cal.
* * *	

<b>Achryson</b>	
	<i>surinamum</i> (L.) 67-632 Tex. Ariz. L.Cal.
	[Mex. S.A.]
	<i>circumflexus</i> (Fab.) 87-141 <sup>42</sup>
	<i>longicolle</i> (Deg.) 75-117 <sup>42</sup>
	<i>pallens</i> (Fab.) 92-297 <sup>42</sup>
	<i>surinamensis</i> (Oliv.) 95-54 <sup>42</sup>

<b>Tylonotus</b>	
	<i>champlaini</i> Knoll 41-695 Pa.

<b>Gnaphalodes</b>	
	<i>trachyderoides</i> Thoms. 60-236 Tex. L.Cal.

*inermis* Bates 84-243<sup>42</sup> [C.A.]

<b>Eburia</b>	
	<i>falli</i> Linsley 40-257 Ariz. Cal.
	<i>semipubescent</i> Fall 09-163 (not Thomson)

<b>Anepsyra</b>	
	<i>grandicollis</i> Linsley 42-40 L.Cal.

<b>Anelomorpha</b>	
	<i>australis</i> Linsley 42-37 L.Cal.

*rosalia* Linsley 42-38 L.Cal.

<b>Anelaphus</b>	
	<i>subinnotatus</i> Linsley 42-42 L.Cal.
	<i>punctatus</i> (Lec.) 73-185 L.Cal.
	<i>subdepressus</i> Schffr. 04-222 Ariz.
	<i>michelbacheri</i> Linsley 42-42 L.Cal.
	<i>mæstus</i> (Lec.) <sup>49</sup> L.Cal.

<b>Anoplium</b>	
	<i>isoletum</i> Linsley 42-43 L.Cal.

<b>Meganoplium</b> Linsley 40-258	
* <i>imbelle</i> Lec. 81-27	Cal.

<b>Anoplocurius</b> Fisher 20-153 <sup>50</sup>	
* <i>incompletus</i> Linsley 42-47 L.Cal.	
altus Knoll 42-221 Tex.	

<b>Perigracilia</b> Linsley 42-48	
* <i>tenuis</i> Linsley 42-49 L.Cal.	
delicata Knoll 42-225 Ariz.	

42 Linsley—42.	
40 Linsley—40.	

47 Key to genera, Linsley—40.

48 Transferred from Methia by Linsley—40.

49 Transferred from Anoplium by Linsley—42.

50 Key to genus, Knoll—42.

51 To precede Oibriini, key, Linsley—40.

## EUMICHTHINI 51

<b>Eumichthus</b> Lec. 73-190 <sup>52</sup>	
*	( <i>Eumichtus</i> Auriv. 12-138) <i>œdipus</i> Lec.

<b>Pocilobrium</b> Horn 83-291 <sup>53</sup>	
	( <i>Pocilobrium</i> Linsley 40-369) ( <i>Callimus</i> Lec. 73-305) <sup>46</sup>

## OBRIINI 54

## Obrium

## HYBODERINI 55

Hyboderia Lec. 73-191<sup>53</sup>

<b>Lampropterus</b> Muls. 63-214	
	( <i>Callimus</i> Muls. 46-app.) <sup>46</sup>
	( <i>Pilema</i> Lec. 73-191) <sup>46</sup>

## Pseudopilema Linsley 40-373

\* *hoppingi* VanD. 20-36<sup>56</sup>

Cal.

Megobrium Lec. 73-192<sup>53</sup>

## MOLORCHINI 57

## Molorehus Fab. 92-356

	( <i>Glaphyra</i> Newm. 40-19) <sup>46</sup>
	( <i>Laphyra</i> Newm. 42-418) <sup>46</sup>

## STENOPTERINI 58

## Callimoxys Kr. 63-105

\* \* \*

## LEPTURINI 54

## Toxotus

<i>spinulosus</i> R.Hopp. 40-32	
<i>oklahomensis</i> R.Hopp. 40-33	Ore.

Oklahoma

## Centrodera

*arida* VanD. 46-89

Cal.

*osburni* Knoll 47-73

Cal.

Cortodera Muls. 63-572<sup>59</sup>

\* (*Leptacmops* Csy. 13-230)<sup>59</sup>

*impunctata* Hopp. 47-222

Ore. Wash.

*placrensis* Hopp. 47-223

Cal.

*sierre* Hopp. 47-224

Cal.

*militaris* (Lec.) 50-322

Idaho Wash. Ore.

*berkeleyensis* Hopp. 47-226

[Cal.] Cal.

*oregonensis* Hopp. 47-227

Ore. Wash.

*harneyensis* Hopp. 47-228

Ore. Wash.

*bakeri* Hopp. 47-229

Wash.

*longicornis* (Kby.) 37-185

Mont.-Nev.

52 Transferred from Oibriini, by Linsley—40.

53 Transferred from Molorchini by Linsley—40.

54 Key to tribes, Linsley—40.

55 New tribe to follow Oibriini, Linsley—40.

56 Transferred from Callimus by Linsley—40.

57 To follow Hyboderini, Linsley—40.

58 To follow Molorchini, Linsley—40.

59 R. Hopping—47; revision of genus.

- marginalis* (Lec.) 57-28 <sup>59</sup>  
*vincata* (Lec.) 61-356 <sup>59</sup>  
*ligata* (Lec.) 73-211 <sup>59</sup>  
*punctiventris* Csy. 13-238 <sup>59</sup>  
*alticola* Csy. 13-239 <sup>59</sup>  
*suturalis* Csy. 24-277 <sup>59</sup>  
*dorsalis* (Lec.) 59-21 <sup>59</sup>  
*nitidipennis* (Csy.) 13-236 Ida. Wash. Ore.  
*subpilosa* (Lec.) 50-322 Alb.-Kan.-Cal.-  
*lupina* (Lec.) 60-321 <sup>59</sup> [B.C.  
*intermedia* Csy. 13-236 <sup>59</sup>  
*pugatana* Csy. 13-237 <sup>59</sup>  
*quadriiceps* Csy. 13-237 <sup>59</sup>  
*spuria* (Lec.) 73-228 Ore. Wash.  
*coniferae* Hopp. 47-233 Colo. Wash. B.C.  
*stolida* (Csy.) 24-277 Nev.  
*robusta* Hopp. 47-234 Wash.  
*basalis* (Lec.) 73-211 Cal.  
*dichroma* Csy. 13-231 <sup>59</sup>  
*auricollis* Csy. 13-232 <sup>59</sup>  
*elegantula* Csy. 13-232 <sup>59</sup>  
*cuneata* Csy. 13-231 <sup>59</sup>  
*minima* Csy. 13-233 <sup>59</sup>  
*cubitalis* (Lec.) 50-322 <sup>60</sup> Cal.  
*temporalis* Csy. 13-233 <sup>59</sup>  
*quadrinotata* Csy. 13-233 <sup>59</sup>  
*tenuis* Csy. 13-233 <sup>59</sup>  
*variipes* Csy. 13-234 <sup>59</sup>  
\* \* \* \* \*  
ACMLÆOPSILLA Csy. 13-240  
*falsa* (Lec.) 59-80 <sup>61</sup> Cal. L.Cal.
- Anthophylax**  
*viridis* Lec. 50-326 <sup>62</sup> Ariz.
- Strangalia** Serv. 35-220  
*pacifica* Linsley 40-255 Cal.
- Anoplodera**  
*jacintana* Linsley 40-256 Cal.  
*scapularis* VanD. 20-43 <sup>63</sup> Cal.  
*isabellae* R.Hopp. 22-162 <sup>63</sup>
- Ophistomis**  
*levicollis* Bates 80-39 [C.A.]  
*s.ventralis* Horn 94-401 <sup>61</sup> Ariz. L.Cal.
- Euryptera**  
*texana* Knull 41-388 Tex.
- Vesproctenus** Bates 91-159  
*flohti* Bates 91-160 L.Cal. <sup>61</sup> Mex.
- NECYDALINI <sup>65</sup>
- Necydalis** <sup>66</sup>  
*levicollis* Lec.  
*s.seminiger* Linsley 40-277 Cal.  
*diversicollis* Schffr. Cal.  
*s.californica* Linsley 40-279 \* \* \*
- Callidiellum** Linsley 40-254  
*cupressi* VanD. 23-48 <sup>67</sup> Cal.
- Semanotus**  
ANOCOMIS Csy. 12-271 <sup>68</sup>
- [B.C. **Callidium**  
*semperfivrens* Linsley 42-192 Cal.  
**Phymatodes**  
(*Phymatodis* Knull 40-556)  
*ursæ* Knull 40-556 Wyo.  
*vilitatis* Linsley 40-253 Cal.  
*vile* Lec. 73-172 <sup>64</sup>  
(not Newman, 1842)  
*hardyi* VanD. 28-112 <sup>69</sup> B.C.  
*hirtellum* Lec. 73-172 <sup>69</sup> Colo. Cal.  
*malkini* Fisher 42-51 Ore.
- Megacyllene** Csy. 12-348 <sup>70</sup> <sup>71</sup>  
\* (*Cyllene* Newm. 40-7, not Gray, [1834] <sup>70</sup> <sup>71</sup>)  
*antennata* White 55-252 Tex.-Cal. L.Cal.  
*eurystethus* Lec. 58-82 <sup>72</sup>  
*robiniae* Forst. 71-43 Me.-Pa.-Minn. Ont.  
*flexuosa* F. 75-191 <sup>72</sup>  
*angulata* Fab. 75-192 <sup>72</sup>  
*pictus* Drury 70-91 <sup>72</sup>  
*caryæ* Gahan 08-141 Mass.-Ont.-Md.-[Mex.  
*snowi* Csy. 12-353 N.M. Ariz.  
*decora* Oliv. 95-63 N.Y.-Ala.-Tex.-Neb.  
*a.charus* Say 35-193 <sup>72</sup>  
*a.mediana* Auriv. 12-384 <sup>72</sup>  
*a.horni* Auriv. 12-384 <sup>72</sup>  
*a.castelnauii* Auriv. 12-384 <sup>72</sup>  
*a.genitiva* Csy. 12-355 <sup>72</sup>  
*a.solidia* Csy. 12-355 <sup>72</sup>  
*a.kansana* Csy. 12-355 <sup>72</sup>  
*infausta* Lec. 50-17 Minn.-N.M.  
*zuniana* Csy. 12-353 N.M.  
*lutosa* Lec. 61-356 Kan.  
*angulifera* Csy. 12-354 Alb.-Man.-Kan.
- Megacheuma** Mickel 19-198 <sup>72</sup>  
\* *brevipennis* (Lec.) 73-197 Wyo. Ut. Ore.  
*melanosticum* Mickel 19-199 <sup>72</sup>
- Placosternus** G.R.Hopp. 37-447  
\* *difficilis* (Chevr.) 62-263 Tex. Cal. Cuba  
*reducta* Csy. 12-351 <sup>72</sup>  
*filicornis* Csy. 12-352 <sup>72</sup>
- Glycobius** Lec. 73-319 <sup>72</sup>  
\* *speciosus* (Say) 28-53 N.H.-N.J.
- Calloides** Lec. 73-319 <sup>72</sup>  
\* *nobilis* (Harr.) 36-84 (N.A.)  
*muliebris* Csy. 12-358 <sup>72</sup>  
*coloradensis* Csy. 12-358 <sup>72</sup>  
*v.regalis* Chevr. 60-488 <sup>72</sup>  
*mormonus* Schffr. 11-124 <sup>72</sup>  
*lorquini* (Buqu.) 59-629 Nev. Cal.
- Tyleus** Csy. 12-348 <sup>72</sup>  
\* *hartwegi* (White) 55-252 Ariz. Mex.
- Sarosesthes** Thoms. 66-185 <sup>72</sup>  
\* *fulminans* (Fab.) 75-192 Pa.-D.C.-Kan.-[Minn.]
- Ochraethes** Chevr. 60-454 <sup>72</sup>  
\* (*Ochraesthes* Chevr. 60-472) <sup>72</sup>
- <sup>67</sup> Transferred from Semanotus by Linsley—40.  
<sup>68</sup> Misspelled Anacomis in Leng—20 and 4th Suppl., Leech in litt.  
<sup>69</sup> Transferred from Callidium, by Linsley—40.  
<sup>70</sup> Fisher—45.  
<sup>71</sup> Synonymy reversed by G. R. Hopping—37.  
<sup>72</sup> G. R. Hopping—37; revision.

( <i>Ochresthes</i> Thoms. 60-216) <sup>72</sup>		ruficollis Linsley 43-147
( <i>Ochrestes</i> Lac. 69-65) <sup>72</sup>		brunneipennis Linsley 43-148
( <i>Ochresthes</i> Bates 80-50) <sup>72</sup>		Cal.
sigmoideus Bates 85-298	Tex. Mex.	Nev.
TRIODOCLYTUS Csy. 12-374		
lanifer (Lec.) 73-198	(N.A.)	L.Cal.
<b>Arhopalus</b> Serv. 34-77		Ariz.
( <i>Criocephalum</i> Dej. 35-328) <sup>64</sup>		
( <i>Criocephalus</i> Muls. 39-63) <sup>64</sup>		Tex.
<b>Nylotrechus</b>		
robustus R.Hopp. 41-29	Colo.	
<b>Neoclytus</b>		
irroratus (Lec.) 58-26 <sup>73</sup>	Tex.-Cal. L.Cal.	
morosus (Chevr.) 60-501 <sup>61</sup>	[Mex.]	
<b>Eplophorus</b> Chevr. 61-248		
bimaculus Linsley 35-88	[Mex.]	L.Cal.
s.peninsularis Linsley 42-56	L.Cal.	
<b>Rhopalophora</b>		
prorubra Knull 44-91	Ariz.	
<b>Rhopalophorella</b> Linsley 42-57		
bimacula (Horn) 95-245	L.Cal.	
<b>Stenosphenus</b> Hald. 47-39 <sup>74</sup>		
* aridus Linsley 35-166	Utah	
castaneus Csy. 24-269	Tex. N.M.	
pinorum Csy. 24-268	N.J.-Fla.	
notatus (Oliv.) 95-61		
deflendum (Newm.) 40-6 <sup>74</sup>		
discoideus (Sturm) 26-199 <sup>74</sup>		
discicollis (Dej.) 35-330 <sup>74</sup>		
nigricornis Fisher 46-90	Cal.	
debilis Horn 85-179	Utah	
lugens Lec. 62-41	Tex. Mex.	
hirsutipennis Bates 72-191 <sup>74</sup>		
beyeri Schffr. 05-163	N.M. Ariz.	
dolosus Horn 85-179	Tex.	
rossi Linsley 42-45	L.Cal.	
novatus Horn 85-178	L.Cal.	
lucanus Csy. 12-346 <sup>74</sup> <sup>61</sup>		
basicornis Linsley 31-60	L.Cal.	
lepidus Horn 85-179	Ariz.	
pruddeni Csy. 12-346	Ariz.	
longicollis Csy. 91-34	Tex.	
* * *		
piceus Knull 46-253	Tex.	
texanus Knull 46-254	Tex.	
<b>Gymnopsyrus</b>		
notabilis Knull 47-72	Cal.	
<b>PSEBIINI</b>		
<b>Tragidion</b>		
armatum Lec. 58-25	Tex.-Cal. <sup>64</sup>	
gracilipes Linsley 40-136	Cal.	
peninsulare Schffr. 08-339 <sup>75</sup>	L.Cal. <sup>64</sup>	
s.californicum Linsley 40-137	Cal.	
annulatum of authors (not Lee.) <sup>64</sup>		
<b>Crossidius</b>		
australis Linsley 42-61	L.Cal.	
61 Linsley—42.		
64 Linsley—40.		
72 G. R. Hopping—37.		
73 Transferred from Rhopalopachys by Linsley—42.		
74 Fisher—46; revision.		
75 Treated as a species by Linsley—42.		
<b>ruficollis</b> Linsley 43-147		
<b>brunneipennis</b> Linsley 43-148		
<b>Oxoplus</b>		
eruentus Lec. 62-42 <sup>75</sup>		L.Cal.
eruentatus Horn 94-338 <sup>75</sup>		
tumacacorii Knull 44-91		Ariz.
<b>Elytroleptus</b>		
davisi Knull 40-558		
<b>Parevander</b> Auriv. 12-453		
( <i>Evander</i> Lac. 69-160) <sup>76</sup>		
(not Thomson, 1860)		
xanthomelas (Guér.) 44-258	?L.Cal. C.A. <sup>61</sup>	
<b>Plionoma</b> Csy. 12-333 <sup>77</sup>		
rubens (Csy.) 91-34	Tex.-Cal. L.Cal.	
basalis (Horn) 91-401 <sup>78</sup>	L.Cal.	
<b>Taranomis</b> Csy. 12-333 <sup>77</sup>		
bivittata (Dupont) 38-58	Tex.-Cal. Mex.	
bilineata Gory 39-pl. 45 <sup>79</sup>	[L.Cal.]	
pallida (Schffr.) 05-132 <sup>80</sup>	L.Cal.	
linsleyi Knull 42-226	Ariz.	
<b>Lissonotus</b>		
flavocinctus Dup. 36-9		
s.puncticollis Bates 85-90	Cal. Ariz.	
lucanus Csy. 12-317 <sup>79</sup>	[L.Cal.]	
<b>Dendrobias</b>		
mandibularis Serv. 34-42	Tex.-Cal. Mex.	
	[L.Cal.]	
quadrinaculatus Dupont 36-22 <sup>79</sup>		
peninsularis Csy. 12-316 <sup>79</sup>		
<b>Moneilema</b>		
( <i>Monilema</i> Agassiz 46-237)		
COLLAPTERYX Newm. 38-397		
michelbacheri Linsley 42-67	L.Cal.	
gigas Lec. 73-236 Tex.-Utah-L.Cal. Mex.		
constricta Csy. 13-285 <sup>81</sup>		
uteana Csy. 13-285 <sup>81</sup>		
pimalis Csy. 13-285 <sup>81</sup>		
spinicollis Csy. 13-286 <sup>81</sup>		
pollens Csy. 13-286 <sup>81</sup>		
plectralis Csy. 24-286 <sup>81</sup>		
colossa Csy. 24-289 <sup>81</sup>		
<b>MONOCHAMINI</b> <sup>82</sup>		
<b>Neoptychodes</b> D. & D. 41-44 <sup>82</sup>		
* trilineatus (L.) 71-532	S.C.-Fla.-Ariz.	
vittata (Fab.) 77-231 <sup>82</sup>	[C.A.]	
insularis Fairm. 50-61 <sup>82</sup>		
abbreviatus Csy. 93-593 <sup>82</sup>		
<b>Monochamus</b> Guér. 27-91 <sup>82</sup>		
(* <i>Monohamimus</i> of authors) <sup>82</sup>		
scutellatus (Say) 24-289	Newf.-N.C.-	
resutor Kby. 37-167 <sup>82</sup>	[Alas.]	
oregonensis (Lec.) 73-231	N.D.-Cal.-	
monticola Csy. 13-293 <sup>82</sup>	[Alas.]	
obtusus Csy. 91-101	Ida.-Wash.-Cal.	
fulvomaculatus Linsley 33-118	Cal.	
76 Blackwelder—46.		
77 Treated as a genus by Linsley—42.		
78 Transferred from <i>Sphaenothecus</i> by Linsley—42.		
79 Linsley—42.		
80 Transferred from <i>Ischnocnemis</i> by Linsley—42.		
81 Linsley—42, after Psota—30.		
82 Dillon & Dillon—41; revision of tribe.		

maculosus (Hald.) 47-51		
s.maculosus s.str.	Neb.-Tex.-Cal.	
<i>clamator</i> (Lec.) 52-149 <sup>82</sup>		
<i>strenuus</i> Csy. 13-293 <sup>82</sup>		
<i>s.latus</i> Csy. 24-290 <sup>28</sup>	Neb.-Cal.-B.C.	
<i>nevadensis</i> D. & D. 41-72	Nev.	
<i>linsleyi</i> D. & D. 41-72	Cal.	
<i>notatus</i> (Drury) 77-65	N.S.-S.C.-B.C.	
<i>confusor</i> Kby. 37-168 <sup>82</sup>		
<i>mutator</i> Lec. 50-235	Mich. Minn.	
<i>carolinensis</i> (Oliv.) 90-463	Mass.-Fla.	
<i>?denteratus</i> (Fabr.) 75-278 <sup>82</sup>	[Tex.-	
<i>minor</i> Lec. 73-231 <sup>82</sup>	[Minn. Mex.]	
<i>titillator</i> (Fabr.) 75-172	Mass.-Fla.-Tex.-	
<i>angusticollis</i> Csy. 24-292 <sup>82</sup>	[N.D.]	
<i>obesus</i> Csy. 24-290 <sup>82</sup>	[S.A.]	
<i>marmorator</i> (Kby.) 37-169	Que.-N.C.-	
<i>acutus</i> Lac. 69-316 <sup>82</sup>	[Minn.]	
<b>Mierogoes</b> Csy. 13-298 <sup>82</sup>		
* <i>oculatus</i> (Lec.) 62-40	Me.-Ala.-Ill.	
<i>tenuicornis</i> Csy. 13-298 <sup>82</sup>		
<b>Goes</b> Lec. 52-150 <sup>82</sup>		
* <i>debilis</i> Lec. 52-150	Mass.-Fla.-Minn.-	
	[Ariz.]	
<i>tigrinus</i> (Deg.) 75-114	N.Y.-Fla.-La.	
<i>tomentosus</i> (Zieg.) 46-47 <sup>82</sup>	[Mex.]	
<i>marmoratus</i> Csy. 13-296 <sup>82</sup>		
<i>pulchra</i> (Hald.) 47-150	Mass.-Ga.-Tex.-	
	[Ont.]	
<i>fisheri</i> D. & D. 41-122	Tex.	
<i>pulverulentus</i> (Hald.) 47-51	Mass.-Fla.-	
	[Tex.-Minn.]	
<i>laurenticus</i> Csy. 13-297 <sup>82</sup>		
<i>novus</i> Fall 28-236	?III. Tex.	
<i>tessellatus</i> (Hald.) 47-51	Mass.-Fla.-	
<i>amplipennis</i> (Csy.) 13-295 <sup>82</sup>	[Tex.-]	
<i>robinsoni</i> Csy. 14-368 <sup>82</sup>	[Minn.]	
<b>Caeoplia</b> Lec. 52-149 <sup>82</sup>		
*    ( <i>Hebstola</i>    Hald. 47-54) <sup>82</sup>		
<i>nebulosa</i> (Hald.) 47-54	Mass.-Ala.-Minn.	
<i>pullata</i> (Hald.) 47-55 <sup>82</sup>		
<i>pruinosa</i> Lec. 52-149 <sup>82</sup>		
<b>Plectrodera</b> Lec. 52-151 <sup>82</sup>		
<i>scalator</i> (Fabr.) 92-278	N.Y.-Ga.-Tex.-	
<i>belli</i> Lec. 44-209 <sup>82</sup>	[Mont. Mex.]	
	* * *	
<b>Neptychodes</b> D. & D. 41-44		
<i>trilineatus</i> (Linn.) 71-532 <sup>79</sup>	Fla.-L.Cal.	
<i>vittatus</i> (Fabr.) 76-231 <sup>79</sup>	[S.A.]	
<b>Monochanus</b>		
<i>notatus</i> (Drury) 75-65	N.Y. Ind. Wis.	
<i>s.morgani</i> Hopp. 45-17	B.C.	
<i>obtusus</i> Csy. 91-45	Cal. B.C. <sup>83</sup>	
<b>Goes</b>		
<i>fulcher</i> (Hald.)		
<i>v.fuscatus</i> Knoll 44-92	Oklahoma	
	DORCASCHIEMATINI	
<b>Doreasebema</b> Lec. 52-147 <sup>84</sup>		
* <i>wildii</i> Uhler 55-417	Mass.-Ky.	

<sup>83</sup> Dillon & Dillon—43.<sup>84</sup> Dillon & Dillon—47; revision of genus.<sup>85</sup> Knoll—42.<sup>86</sup> Transferred from Estola by Linsley—42.

alternatum (Say) 23-405

s.alternatum s.str.

s.octovittata Knoll 37-307

nigrum (Say) 27-272

e.U.S.-Tex.

Tex.

e.U.S.-Tex.

**Hetœmis** Hald. 47-54 <sup>84</sup>\* *cineraria* (Oliv.) 95-28

s.cineraria s.str.

Pa. Md. Mich.

s.bimaculata D. &amp; D. 47-293

Kan.

\* \* \*

**Leptostylus**

arcuatus Lec. 52-168

floridanus Champl. & Kn. 22-148 <sup>85</sup>**Lciopus**

rosaliae Linsley 42-71

rossi Linsley 42-71

gracilipes Linsley 42-72

nivosus Linsley 42-73

L.Cal.

L.Cal.

L.Cal.

L.Cal.

**Estoloides** Breuning 40-72sordida (Lec.) 73-237 <sup>86</sup>

sparsa Linsley 42-78

L.Cal.

L.Cal.

**Ecyrus**

pacificus Linsley 42-80

L.Cal.

**Polianus**

obliquus Linsley 42-81

L.Cal.

ONCIDERINI <sup>87</sup>**Lochmaeoles** Bates 80-124 <sup>88</sup>\* *cornuticeps* Schffr. 06-20 <sup>89</sup>

s.cornuticeps s.str.

Tex. Mex.

tessellatus Knoll 37-42 <sup>88 90</sup>

marmoratus Csy. 13-351

Ariz. Ecua.

**Oneideres** Serv. 35-67 <sup>88</sup>\* *pustulata* Lec. 54-82texanus of High 15-09 (not Thoms.) <sup>88</sup>

trinodatus of Essig 26-460 (not

[Csy.] <sup>88</sup>

rhodosticta Bates 85-365

Tex.-Ariz. [L.Cal. Mex. <sup>79</sup>]putator of Horn 85-195 <sup>88</sup>

cingulatus of Hamilt. 96-141 (not

trinodata Csy. 13-352 <sup>88 79</sup> [Say] <sup>88</sup>pustulatus of Essig 26-460 <sup>88</sup>

quercus Skinn. 05-291

Ariz.

cingulata Say 26-272 Conn.-Tex. Cal. [Mex.]

texana Herrick 02-15 (not Horn) <sup>88</sup>pallescens Csy. 13-353 <sup>88</sup>præcidens Csy. 13-354 <sup>88</sup>texana Horn 85-195 <sup>88</sup>subtropicus Csy. 13-353 <sup>88</sup>**Oberea**

canadensis Fisher 45-56

Ont.

<sup>87</sup> Key to genera, Dillon & Dillon—45.<sup>88</sup> Dillon & Dillon—46; revision of genus.<sup>89</sup> Transferred from Oncideres by Dillon & Dillon—46.

CHYSOMELIDÆ<sup>90</sup>

<b>Macrolepa</b> Sam. 19-211	Nodomota <sup>96</sup>	
( <i>Apelma</i> Billb. 20-53) <sup>91</sup>	parkeri White 41-162	Ariz.
( <i>Haemonia</i> Dej. 21-114) <sup>91</sup>		
<b>Lilioceris</b> Rtr. 12-79	<b>Rhabdopterus</b> <sup>97</sup>	
* lili (Scop.) 63-36	bowditchi Barber 43-117	Fla.
	prætextus (Say) 24-442	
<b>Neohemonia</b> Szek. 41-148	incipites of authors (not Oliv., 1808) <sup>97</sup>	
* nigricornis (Kby.) 37-222 <sup>93</sup>	spiculatus Barber 43-118	Me.-Mass.
<i>americana</i> (Guér.) 44-259 <sup>93</sup>	deceptor Barber 43-118	
melsheimeri (Lac.) 45-211 <sup>93</sup>	prætexta Jones 41-321 <sup>97</sup>	
<i>nigricornis</i> (Clav.) 13-15 <sup>93</sup>	weisei (Schffr.) 20-117 <sup>98</sup>	
<b>Syneta</b>	<i>subanea</i> (Schffr.)    19-328 <sup>97</sup>	
<i>pilosa</i> Brown 40-164	bottimeri Barber 46-140	Tex.
<i>extorris</i> Brown 40-165		
<b>Zeugophora</b>	<b>Adoxus</b>	
<i>varians</i> Cr.	obscurus (L.)	Ore. <sup>94</sup>
<b>Lema</b>	<b>Colaspidea</b>	
<i>californica</i> Heinze 27-142	varicolor Cr. (not Lec.) <sup>94</sup>	Ore. <sup>94</sup>
<i>xmula</i> Horn 94-106 (not Lac., 1815)		
<b>Megascelis</b> Sturm 26-80 (not 29 138) <sup>91</sup>	<b>Entomoscelis</b>	
<b>Coseinoptera</b>	americana Brown 42-172	Man.-B.C.
<i>corpilosa</i> Dahl 41-29	<i>adonidis</i> of authors <sup>99</sup>	
<b>Arthrochlamys</b> <sup>95</sup>	<b>Prasocuris</b>	
<i>cribripennis</i> (Lec.) 78-614	vittata Oliv.	
<i>comptoniae</i> Brown 43-125	<i>vittata</i> Johnson 41-12	
<i>eubati</i> Brown 43-126		
<i>pllicata</i> (Fab.) 98-111	<b>Leptinotarsa</b>	
<i>gibbosa</i> of authors, in part <sup>95</sup>	lineolata Stål	Ore. <sup>1</sup>
<i>alni</i> Brown 43-128		
<i>bebbiana</i> Brown 43-128	<b>Zygogramma</b>	
<i>chamaedaphnes</i> Brown 43-130	<i>suturalis</i> Fab. 75-95	
<i>coryli</i> Brown 46-48	<i>suloralis</i> Johnson 41-12 <sup>2</sup>	
<i>tecta</i> Brown 46-48		
<b>Saxinis</b>	<b>Calligrapha</b>	
<i>saucia</i> Lec. 57-66	fulvipes Stål 59-323	Tex. Mex. <sup>92</sup>
<i>v.quadrivittata</i> Dahl 41-30	<i>knabii</i> Brown 40-166	Que.
<i>v.californica</i> Schffr.	<i>bidenticola</i> Brown 45-122	N.B.-Ont.
<b>Exema</b> <sup>95</sup>	<i>similis</i> Rogers 56-34 <sup>3</sup>	
<i>pennsylvanica</i> Pierce 40-18	(not Müller, 1776)	
<i>conspersa</i> of authors, in part <sup>95</sup>	<i>californica</i> Linell 96-198	Cal.
<i>canadensis</i> Pierce 40-10	<i>s.coreopsivora</i> Brown 45-122	Conn.
<i>conspersa</i> of authors, in part <sup>95</sup>	<i>elegans</i> Oliv. 08 532 <sup>3</sup>	[N.S.-B.C.]
<i>gibber</i> of authors <sup>95</sup>	(not Gimelin, 1789)	
<i>globensis</i> Pierce 40-21	<i>virgata</i> G. & H. 74-3437 <sup>3</sup>	
<i>chiricahuana</i> Pierce 40-22	(not Stål, 1859)	
<i>parvisaxi</i> Pierce 40-24		
<i>dispar</i> Lac. 48-850	<i>alni</i> Schffr. 28-290	N.S.-Alb.
<i>s.canadensis</i> Pierce 40-10	<i>confinis</i> Kby. 37-211 <sup>3</sup>	
<i>jenksi</i> Pierce 40-13	(not Klug, 1829)	
<i>inyoensis</i> Pierce 40-19	<i>alnicola</i> Brown 45-124	Que. Ont.
<i>deserti</i> Pierce 40-20	<i>dolosa</i> Brown 45-126	Ont.
<i>s.boregensis</i> Pierce 40-21	<i>ostryae</i> Brown 45-126	Ont.
<b>Pachybrachys</b>	<i>ignota</i> Brown 45-127	N.S. N.B. Ont.
<i>donneri</i> Cr. 74-78	<i>pruni</i> Brown 45-127	Ont.
<b>Diachus</b>	<i>virginea</i> Brown 45-130	Que. Ont.
<i>aeruginosus</i> Lee. 80-197	<i>tiliae</i> Brown 45-130	Ont.
	<i>amatator</i> Brown 45-132	Ont.
<sup>90</sup> Key to subfamilies, based on larvæ; Salsbury—43.	<b>Chrysolina</b>	
<sup>91</sup> Barber & Bridwell—40.	<i>engelhardtii</i> Hatch 39-49	Alas.
<sup>92</sup> Brown—46.	<b>Microtheca</b> Stål 61-464	
<sup>93</sup> Transferred from <i>Haemonia</i> by Szekessy—41.	<i>ochroloma</i> Stål 61-464	Ala. <sup>4</sup> S.A.
<sup>94</sup> K. Fender—45.	<b>Phaedon</b>	
<sup>95</sup> Brown—43; key to Canadian species.	<i>armoraciae</i> (L.)	Ore. <sup>94</sup>
<sup>96</sup> Key to species, White—41.	<i>oviformis</i> Lec.	Ore. <sup>94</sup>
	<i>niger</i> Hatch	Ore. <sup>94</sup>
	<i>carri</i> Hatch	Ore. <sup>94</sup>
	<i>punctatus</i> Hatch	Ore. <sup>94</sup>
	<sup>97</sup> Barber—43; key to species.	
	<sup>98</sup> Transferred from <i>Colaspis</i> by Barber—43.	
	<sup>99</sup> Brown—42.	
	<sup>1</sup> Malkin—43.	
	<sup>2</sup> White—42.	
	<sup>3</sup> Brown—45.	
	<sup>4</sup> Barber in litt.; (Timarchini).	

- |  |                        |                    |
|--|------------------------|--------------------|
| <b>Gastrophysa</b> Chev. 37-405<br>( <i>Gastridea</i> Hope 40-164) <sup>91</sup><br>( <i>Gastroidea</i> G. & H. 74-3403) <sup>91</sup> | Ore. <sup>1</sup>      | Ore. <sup>94</sup> |
| cyanea Melsh.  |                        |                    |
| <b>Phytodecta</b> <sup>6</sup>   |                        |                    |
| arctica Mannh. 53-257  |                        | Cal.               |
| <i>affinis</i> of authors <sup>6</sup>   |                        | Cal.               |
| <i>scutellaris</i> Sahlb. 85-55 <sup>6</sup>   |                        | Cal.               |
| americana Schffr. 24-139   |                        | Cal.               |
| <i>pallida</i> of authors <sup>6</sup>   |                        | Cal.               |
| <i>rufipes</i> of Kby. 37-213 <sup>6</sup>   |                        | Cal.               |
| <i>viminalis</i> of Mannh. 53-256 <sup>6</sup>   |                        | Cal.               |
| notmani Schffr. 24-140   |                        | Tex.               |
| <i>affinis</i> of Notm. 21-75 <sup>6</sup>   |                        | Tex.-Ariz.         |
| occidentalis Brown 42-104  | Alb. B.C.              | [Kan.]             |
| <b>Galereucella</b>  |                        |                    |
| ribicola Brown 38-37   | Man.                   |                    |
| <i>s. confusa</i> Brown 46-50  | Ont.                   |                    |
| xanthomelæna (Schr.) 81-78   | Ont. <sup>7</sup>      | Ore. <sup>1</sup>  |
| <i>xanthomeleca</i> Malkin 43-71   |                        |                    |
| <b>Monoxia</b> <sup>8</sup>  |                        |                    |
| consputa (Lec.) 57-70  | Wyo.-Tex. Cal.-        |                    |
|  | [Wash.]                |                    |
| guttulata (Lec.) 57-70 <sup>9</sup>  | Cal. Ore. <sup>1</sup> |                    |
| <i>consputa</i> Horn 93-85, in part <sup>8</sup>   |                        |                    |
| sordida (Lec.) 58-88   | Colo.-Tex.-L.Cal.      |                    |
| angularis (Lec.) 59-90 <sup>9</sup>  | N.D.-Cal.-B.C.         |                    |
| <i>consputa</i> Horn 93-85, in part <sup>8</sup>   |                        |                    |
| debilis Lec. 65-222  | Alb.-Ariz.-Ida.        |                    |
| <i>obtusa</i> Lec. 65-222 <sup>8</sup>   |                        |                    |
| inornata Blake 39-162  | N.D.-Tex.-Mont.        |                    |
| grisea Blake 39-163  | Alb.-Ida.              |                    |
| elegans Blake 39-164   | Mont.-N.M.-Ore.        |                    |
| puberula Blake 39-165  | Alb.-Tex.-Cal.         |                    |
| schizonycha Blake 39-166   | Colo.-Cal.-            |                    |
|  | [Wash.]                |                    |
| obesula Blake 39-167   | Tex.                   |                    |
| pallida Blake 39-168   | Colo. Ida.             |                    |
| minuta Blake 39-169  | Ariz.                  |                    |
| apicalis Blake 39-170  | Ariz. Cal.             |                    |
| brisleyi Blake 39-171  | Utah Ariz. Cal.        |                    |
| <b>Diabrotica</b> Dej. 37-404  |                        |                    |
| undecimpunctata Mannh. 43-310  |                        |                    |
| <i>s. undecimpunctata</i> s.str.   | Pac. Cst.              |                    |
| <i>s. howardi</i> Barber 47-153  | c.St. s.St.            |                    |
| <i>s. tenella</i> Lec. 58-88 (not 58-58)   | Ariz.                  |                    |
| <b>Acalymma</b> Barber 47-154  |                        |                    |
| * <i>gouldi</i> Barber 47-154  | Que. Ind.              |                    |
| <i>vittata</i> (Fab.) 75-122 <sup>10</sup>   | S.C.                   |                    |
| <i>melaenocephala</i> (Fab.) 75-118 <sup>10</sup>  |                        |                    |
| trivittata (Mannh.) 43-309 <sup>10</sup>   | Tex.-Cal.              |                    |
| <i>vittata</i> of Jacoby 87-535 <sup>10</sup>  | [C.A.]                 |                    |
| <i>incerta</i> (Ckll.) 96-67 <sup>10</sup>   |                        |                    |
| blandula (Lec.) 68-58 <sup>10</sup>  | Kan. Colo. Tex.-       |                    |
| <i>nitida</i> (Linell.) 98-483 <sup>10</sup>   | [Ariz.]                |                    |
| vineta (Lec.) 78-416 <sup>10</sup>   | S.C.-Fla.-Tex.         |                    |
| <b>Amphelasma</b> Barber 47-158  |                        |                    |
| * <i>bipuncticollis</i> (Schffr.) 05-171   | Ariz.                  |                    |
| <b>Luperus</b>   |                        |                    |
| morulus Lec.   | Ore. <sup>94</sup>     |                    |
| 5 Should be credited to Agassiz 46-160.  |                        |                    |
| 6 Brown—42; key to species.  |                        |                    |
| 7 Sheppard—46.   |                        |                    |
| 8 Blake—39; key to species.  |                        |                    |
| 9 Distinct species, Blake—39.  |                        |                    |
| 10 Barber—47.  |                        |                    |
| 11 Key to genus, White—44.   |                        |                    |
| 12 Blake—42; key to species.   |                        |                    |
| 13 Blake—45; key to species.   |                        |                    |
| 14 Barber—45.  |                        |                    |
| 15 Blake—43; key to species.   |                        |                    |
| 16 Transferred from <i>Hypolampsis</i> by Blake—43.  |                        |                    |

## MYLABRIDÆ

<b>Disonycha</b>	
maritima Mannh.	Ore. <sup>17</sup>
<b>Orestioides</b>	
robusta Lec.	Ore. <sup>17</sup>
<b>Altica</b>	
potentillae Brown 46-51	Que., Ont.
ribis Brown 46-53	Ont.
<b>Hippuriphila</b>	
mancula Lec. 61-358	
moderri of authors, in part <sup>18</sup>	
canadensis Brown 42-176	Que.-Sask.
moderri of authors, in part <sup>18</sup>	
equiseti B. & H.	Ore. <sup>17</sup>
<b>Epitrix</b>	
tuberis Gentner 44-137	Neb., Colo. [Ore., Wash. Cal., Ore. <sup>17</sup>
similaris Gentner 44-142	
parvula Fab.	
<b>Chaetoenema</b>	
opulenta Horn	Ore. <sup>17</sup>
confinis Cr.	Ore. <sup>17</sup>
<b>Longitarsus</b>	
waterhousei Kutch.	Ore. <sup>19</sup>
<b>Glyptina</b>	
atriventris Horn	Ore. <sup>17</sup>
<b>Phyllotreta</b>	
columbianus Chitt.	Ore. <sup>17</sup>
inconspicua Chitt.	Ore. <sup>17</sup>
<b>Anisostena</b>	
perspicua Horn	Ore. <sup>17</sup>
<b>Brachycoryna</b>	
horni Weise	Ore. <sup>17</sup>
mitchelli White 39-55	Cal.
<b>Psylliodes</b>	
cneuillata Ill. 07-172	N.B., <sup>20</sup> Eur.
<b>Uroplata</b>	
uniformis (Smth) 85-94 <sup>21</sup>	Ariz.
<b>Microrhopala</b> Chev. 37-365 <sup>22</sup>	
<b>Parorectis</b> Spath 01 346	
(Orectis Spath 01-346) <sup>23</sup>	
(not Lederer, 1857)	
sublevis (Barber) 46-102	Tex.
callosa (Boh.) 54-471	S.C. Fla., Tex.
<b>Deloyala</b> Chev. 37 371	
(Chirida Clap. 75-406) <sup>24</sup>	
<b>Hemisphaerota</b> Chev. 37-367	
(Porphyraspis Hope 40-154) <sup>24</sup>	

<sup>17</sup> Fender—45.<sup>18</sup> Brown 42.<sup>19</sup> Malkin 43.<sup>20</sup> Brown—46.<sup>21</sup> Transferred from Microrhopalus by McCauley—39.<sup>22</sup> Erroneously credited to Dejean by McCauley—38. (See Barber & Bridwell 40.)<sup>23</sup> Barber 47.<sup>24</sup> Barber & Bridwell—40.<sup>25</sup> Bridwell—46; generic revision.<sup>26</sup> Bridwell—46, uses Bruchidae, Bruchinæ, and Bruchus.<sup>27</sup> Bradley—47.MYLABRIDÆ<sup>25 26</sup>**Pachymerina**<sup>25</sup>

<b>Caryobruchus</b> <sup>25</sup>
gleditsiae (L.)

**Amblycerina**<sup>25</sup>**Amblycerus**<sup>25</sup>**Zabrotes**<sup>25</sup>**Mylabrinae**<sup>25 26</sup>**Mylabris** Geoff.<sup>27 28</sup>(Bruchus L.)<sup>26</sup>

knulli White 41-189

Ariz.

**Megacerus** Fähræus 39-? <sup>25 27</sup>(Pachybruchus Pic 12-92)<sup>27</sup>

coryphae (Oliv.)

discoideus (Say)

impiger (Horn)

schaefferianus Bridw.

crenatus || Schffsr. <sup>27</sup>arenarius Wolc.<sup>27</sup>**Callosobruchus** Pic 02-6 <sup>25</sup>

chinensis (L.)

maculatus (F.) 75-65

quadrimaculatus (Fab.) 92-371

barbicornis (Fab.) 01-403

bistriatus (Fab.) 01-402

chinensis (Thunb.) 16-46 (not L.)

longicornis (Thunb.) 16-17

litteratus Schönh. 33-102

**Styloanthus** Bridw. 46-54

macrocerus (Horn)

**Gibbobruchus**<sup>25 27</sup>

minus (Say)

**Meibomens** Bridw. 46-54

musculus (Say)

**Merobruchus** Bridw. 46-54

julianus (Horn)

major (Fall)<sup>27</sup>**Acanthoscelides** Schilsky 05 c <sup>25</sup>

pectoralis (Horn)

floridae (Horn)

innotatus (Pic)

obsoleteus (Say)

longistilis (Horn)

alboscutellatus (Horn)

<sup>28</sup> Bradley (47-33) lists two species of Mylabris that have "escaped record in the supplements to Leng's Catalogue. . . ." He admits, however, that "both of the species are accidental imports of adults that would be unable to establish their progeny in dried lentils, and therefore are under no likelihood of becoming established." This argument explains fully why these species (*M. signaticornis* Gyll. and *M. lentsis* Froel.) should not be in the catalog. However, *M. lentsis* was listed on page 306 of the Catalogue as no. 16244<sub>1</sub>, a fact which apparently escaped Mr. Bradley.

- tenuis* Bott.<sup>30</sup>  
*obtectus* (Say)  
*perforatus* (Horn)  
*calvus* (Horn)  
*fraterculus* (Horn)
- Mimosestes** Bridw. 46-54  
*sallaei* Shp.
- Algarobius** Bridw. 46-54  
*prosopis* Lec.  
*uniformis* Lec.  
*desertorum* Lec.
- Neltumius** Bridw. 46-54  
*arizonensis* (Schffr.)  
*gibbothorax* (Schffr.)<sup>27</sup>  
*texanus* (Schffr.)<sup>27</sup>
- Stator** Bridw. 46-55  
*pruininus* (Horn)<sup>31</sup>
- Cercidiestes** Bridw. 46-55  
*ulkei* (Horn)
- Althaenus** Bridw. 46-55  
*hibisci* (Oliv.)
- Sennius** Bridw. 46-55  
*bivulneratus* (Horn)<sup>27</sup>  
*eruentatus* (Horn)  
*nigrinus* (Horn)<sup>27</sup>
- Sparteus** Bridw. 46-55<sup>29</sup>  
*fasciatus* (Oliv.) 95-20  
*cisti* Payk.<sup>27</sup>  
*vilosus* (Fab.)<sup>25</sup>
- Abutiloneus** Bridw. 46-55  
*idoneus* Bridw. 46-55  
*flavicornis* Shp. (not Fab.)  
*seminulum* (Horn)  
*atomus* (Fall)

### Kytorhininae<sup>25</sup>

- Kytorhinus** Fisch.<sup>25</sup>  
*prolixus* (Fall)

### BRENTIDÆ

- Arrhenodes** Schönh. 26 70  
*(Eupsalis* of No. American authors)<sup>32</sup>
- Paratrachelizus** Kleine 21-32  
*(Trachelizus* of No. American  
[authors])<sup>32</sup>

- <sup>29</sup> Cited as a subgenus of Bruchidius by Bradley—47, and also as a synonym of Spermophagus.  
<sup>30</sup> Bradley's remarks on the listing of this species in the Fourth Supplement fail to give consideration to the status assigned to the generic names in the original Catalogue.  
<sup>31</sup> The proposed transfer of this species to Bruchidius by Herford in foreign literature was overlooked in the Fourth Supplement, but its acceptance would have been prevented by the status assigned to Bruchidius. The oversight was not the cause of the omission, as implied by Bradley—47.

### ANTHRIBIDÆ<sup>33 34</sup>

*(Platystomidae)*<sup>33</sup>

- Orniscus** Waterh. 45-37  
*(Toxotropis* Lec. 76-397)<sup>32</sup>  
*(Gonops* Lec. 76-398)<sup>35</sup>
- Piesocorynus** Dej. 37-257  
*(Piezocorynus* Schönh. 39-250)<sup>32</sup>
- Neanthribus** Jordan 06-341  
*(Pseudanthribus* Pierce 30-24)<sup>32</sup>  
*(Anthribus* of authors, not Geoff.)<sup>32</sup>  
*(Neanthribius* Leng & Mutch. 14-481)<sup>35</sup>

- Euxenus**  
*ater* Blatch. 28-238<sup>36</sup> Fl.  
*ater* Blatch. 28-238<sup>36</sup>

### CURCULIONIDÆ

- Attelabus**  
*foveipennis* Suffr. 70-228<sup>37</sup> III.
- Pseudoeneorhinus**  
*bifasciatus* Rœlofs 79-xxiv  
*setosus* of Amer. authors<sup>32</sup>
- Cyrtepistomus** Marshall 13-186  
*(Myllocerus* of authors, not  
[Schönh.])<sup>32</sup>  
*castaneus* Rœlofs 73-168 N.Y. N.C.  
Japan<sup>32</sup>

- Phyxelis** Schönh. 43-122<sup>38</sup>

### OPHYRISTINI<sup>39</sup>

- Sapotes** Csy. 88-241<sup>39</sup>  
\* *puncticollis* Csy. 88-241 Tex.-Ariz.  
*longipilis* VanD. 34-175 Ariz.
- Eupagoderes** Horn 76-32<sup>39</sup>  
I  
\* *desertus* Horn 76-34 Ariz. Cal.  
*giganteus* Chitt. 26-169<sup>39</sup> Ariz. Cal.  
*californicus* Ting 39-81 Nev. Cal.  
*geminatus* Horn 76-35 Cal.  
*griseus* A.C.Davis 47-498 Utah  
*aneus* A.C.Davis 47-498 Utah  
*mortivallis* Fall 10-192 Cal.  
*v.approximatus* A.C.Davis 47-502 Cal.  
II  
*robustus* A.C.Davis 47-503 Ariz. Cal.  
III  
*decipiens* Lec. 53-445 Tex.-Ariz. Mex.  
*v.dumianus* Csy. 88-240<sup>39</sup> Tex.

<sup>32</sup> Buchanan in litt.

<sup>33</sup> This arrangement preferred by most recent writers.

<sup>34</sup> Key to subfamilies and some genera on larval characters, Anderson—47.

<sup>35</sup> Blackwelder—47.

<sup>36</sup> Transferred from Collabismodes by Buchanan in litt.

<sup>37</sup> Voss, in Junk Catalog (pars 110), places this in Apoderus, a genus which does not occur in the New World; Buchanan in litt.

<sup>38</sup> Transferred from Eremninae to Leptopinæ by Marshall—44.

<sup>39</sup> A. C. Davis—47; revision.

pilosus A.C.Davis 47-507	Colo.	robusta (VanD.) 35-2 <sup>42</sup>	Cal.
variis Lec. 53-444	Utah Nev. Ariz. Cal.	<b>Miloderoides</b> VanD. 36-74 <sup>41</sup>	
v.plumbeus Horn 76-35 <sup>39</sup>	Cal.	* maculatus VanD. 36-76	Ida.
aridus Fall 10-192	Ariz. Cal.	cinerea (VanD.) 35-1 <sup>42</sup>	Colo.
IV		argenteus VanD. 35-1 <sup>41</sup>	
speciosus (Lec.) 53-144	Tex. Mex.	*	*
nivorus Fall 10-190	Ariz.	vandykei Tann. 42-23	Utah
marmoratus Fall 10-191	Ariz.	<b>Cryptolepidus</b> VanD. 36-191 <sup>41</sup>	
sordidus Lec. 53-445	Kan.-Tex.-Ariz.	* (Lepidopus VanD. 36-76) <sup>41</sup>	
simulans VanD. 34-176	Tex.	nevadicus VanD. 36-77	Nev.
argentatus Lec. 53-444	Utah Nev. Ariz.	planifrons Ting 40-146	Nev.
V	[Cal.]	leechi Ting 40-147	Cal.
lucanus Horn 76-34	L.Cal.	cazieri (VanD.) 36-73 <sup>42</sup>	Ariz. Cal.
setosus VanD. 34-179	Ariz.	rugicollis Ting 40-149	Nev.
huachucae VanD. 34-180	Ariz.		
halli VanD. 34-181	Ariz.		
cretaceus Shp. 91-96 <sup>40</sup>	Ariz. Mex.		
utahensis Tann. 39-31 <sup>40</sup>	Utah		
hardyi Tann. 39-31 <sup>40</sup>	Utah		
<b>Amydrogimus</b> Pierce 13-374 <sup>39</sup>	Tex.		
* variabilis Pierce 13-374			
<b>Ophryastes</b> Schönh. 33-508 <sup>39</sup>	N.M.-Cal.		
* wickhami Shp. 01-88	N.M.		
shufeldti Csy. 88-238	Colo. N.M.		
ocellatus (VanD.) 34-177	[Utah]		
latirostris Lec. 53-443	Colo.-Ore.-Mex.		
validus Lec. 54-225 <sup>40</sup>			
symmetricus Fall 07-260	N.M. Ariz.		
sulcipennis Csy. 88-239	N.M.		
sulcirostris (Say) 24-316	Mont.-Tex.-[N.M.]		
ligatus Lec. 53-443 <sup>39</sup>			
porosus Lec. 54-225	Alb.-Mex.		
collaris Champ. 11-319	Tex. Mex.		
tuberosus Lee. 53-443	Alb.-Tex.-Ariz.		
ovipennis Shp. 91-90	Tex. Mex.		
bituberosus of Pierce 09-344 <sup>39</sup>			
vittatus (Say) 24-316	Kan.-Tex.-Nev.		
<b>Tosastes</b> Shp. 91-91 <sup>39</sup>			
* globularis Pierce 09-344	N.M.		
ovalis Pierce 09-345	Tex. Ariz.		
cinerascens Pierce 13-376	Wash.		
<b>Rhigopsis</b> Lec. 74-459 <sup>39</sup>			
* effracta Lec. 74-459	Cal.		
simplex Horn 91-442	L.Cal.		
* * *			
<b>Cimboecra</b> Horn 76-55 <sup>41</sup>			
* buchanani Ting 40-134	Colo.-Tex.-Ariz.-[Utah]		
pauper Horn 76-56	Alb.-Wyo.		
conspersa Fall 07-261	Colo.-Ariz.		
sericea Pierce 13-379 <sup>41</sup>			
albovestita VanD. 34-190 <sup>41</sup>			
* * *			
petersoni Tann. 41-29	Utah		
<b>Paracimboecra</b> VanD. 38-1 <sup>41</sup>			
* atra VanD. 38-2	Nev.		
artemisiæ Ting 40-139	Wyo. Colo. Nev.		
	[Ida.]		

<sup>32</sup> Buchanan in litt.<sup>39</sup> A. C. Davis—47; revision.<sup>40</sup> Buchanan—47.<sup>41</sup> Ting—40; revision.<sup>42</sup> Transferred from Cimboecra by Ting—40.<sup>43</sup> Distinct species, Buchanan in litt.robusta (VanD.) 35-2 <sup>42</sup>

Cal.

**Miloderoides** VanD. 36-74 <sup>41</sup>

Ida.

\* maculatus VanD. 36-76

Colo.

cinerea (VanD.) 35-1 <sup>42</sup>

\* \* \*

argenteus VanD. 35-1 <sup>41</sup>

Utah

vandykei Tann. 42-23

Utah

**Cryptolepidus** VanD. 36-191 <sup>41</sup>

Nev.

\* (Lepidopus VanD. 36-76) <sup>41</sup>

Nev.

nevadicus VanD. 36-77

Cal.

planifrons Ting 40-146

Ariz.

leechi Ting 40-147

Cal.

cazieri (VanD.) 36-73 <sup>42</sup>

Ariz. Cal.

rugicollis Ting 40-149

Nev.

**Calomycterus**setarius Roelofs 73-175 Mass.-D.C.-Iowa <sup>32</sup>**Minyomerus**microps (Say) 31-9 <sup>32</sup>

Mo.

**Pandeleteius**

viridissimus VanD. 43-108

Ariz.

**Erieydenus** Pasc. 80-442(Cyphus Gerin. 24-127) <sup>32</sup>**Laelminopuss**floridanus Horn 76-101 <sup>43</sup>

Fla.

**Apotomoderes** Dej. 34-235(Apotomoderes Chevr. 78-liv) <sup>47</sup>

albicans Lac. 63-pl. 62

Cal. <sup>47</sup>**Graphognathus** Buch. 39-11 <sup>44</sup>

\* peregrinus (Buch.) 39-14

Ala. Miss.

minor (Buch.) 42-107

Fla.

leucomoma (Boh.) 40-62 (not No. Amer.) <sup>40</sup>r.<sup>45</sup> pilosus (Buch.) 42-107

Ala.

r.striatus (Buch.) 42-108

S.C.-La.

r.dubius (Buch.) 42-109

N.C.-Fla.-

r.fecundus Buch. 47-21

[Miss.]

r.imitator Buch. 47-21

Fla. Ala.

**Naupactus** (not No. Amer., see Graphognathus) <sup>40</sup>**Barypitheus** J. du V. 55-13

(Barypitheus VanD. 47-96, and 36-

[82])

pellucidus (Boh.) 34-507

Cal. <sup>46</sup>

pallucida VanD. 47-96

**Myllocerus**

hilleri Faust 89-222

Conn. Pa. D.C.

Japan <sup>47</sup>**Cereopodus**artemisiæ Pierce 10-365 <sup>48</sup>

Ida. Mont.

parvulus (VanD.) 36-78 <sup>48a</sup>**Chatechus**

asperatus (Boh.) 44-116

Mass.

setiger Horn 76-78 <sup>47</sup>**Aphrustus** Say 31-9(Micronychus Prov. 77-508) <sup>49</sup>

tenuatus Say 31-9

sulcatus (Prov.) <sup>49</sup><sup>44</sup> Distinct genus, Buchanan—47.<sup>45</sup> Race.<sup>46</sup> Van Dyke—47.<sup>47</sup> Buchanan in litt.<sup>48</sup> Does not belong here; Ting—40.<sup>48a</sup> Ting in litt.<sup>49</sup> Brown in litt.

<b>Phyllobius</b>		Hydronomi <sup>60</sup>
oblongus (L.)	N.B. <sup>50</sup> N.Y. <sup>51</sup> Europe	
<b>Liophloeus</b> Germ. 17-341		
tessellatus Müller 76-87	N.Y. <sup>52</sup>	
nubilus Fab. 76-228 <sup>53</sup>		
<b>Hypera</b>		
punctata (Fab.)	Cal. <sup>54</sup>	
<b>Listronotus</b> <sup>55</sup>		
ingens Henderson 40-243	Ind.-Tex.	
squamiger (Say) 31-11	Mass.-N.C.-Cal.	
inæqualipennis (Boh.) 40-189	[B.C.]	
sordidus (Gyll.) 34-280	Que.-La.-Colo.	
distinguendus (Gyll.) 34-281 <sup>55</sup>		
obliquus Lec. 76-129 <sup>55</sup>		
manifestus Henderson 40-269	Tex.	
rotundicollis Lec. 76-132	Pa.-Tex.	
cribricollis Lec. 76-134 <sup>55</sup>		
distinctus Henderson 40-274	Tex.	
blatchleyi Henderson 40-279	Fla.	
callosus Blatch. 28-241, not Lec. <sup>55</sup>		
blandus Henderson 40-282	Ga.-Fla.-La.	
oregonensis Lec. 60-55	Que.-Miss.-Ore.	
rudipennis Blatch. 16-162 <sup>55</sup>		
impressifrons Lec. 76-134 <sup>55</sup>		
latiusculus Lec. 76-133 (not Boh.) <sup>55</sup>		
s.tessellatus Csy. 95-828 <sup>55</sup>	Alb.-Colo.	
nebulosus Lec. 76-133		
sulcirostris Lec. 76-132 <sup>55</sup>		
similis Henderson 40-304	Tex.	
appendiculatus (Boh.) 42-192	Me.-Tex.-	
floridensis Blatch. 16-160 <sup>55</sup>	[B.C.]	
impressus VanD. 29-106 <sup>55</sup>		
leucozonatus Chitt. 26-341 <sup>55</sup>		
insignis Henderson 40-313	Fla.	
<b>Dorytomus</b>		
rubidus Tanner 39-32	Utah	
<b>Grypus</b> Germ. 17-340		
( <i>Grypidius</i> Schönh. 26-231) <sup>47</sup>		
SMICRONYCHINI <sup>57</sup>		
<b>Smicronyx</b>		
utilis Buch. 41-29	Sask.	
commixtus Dietz 94-160		
caseyi Blatch. 16-10 <sup>56</sup>		
vestitus Lec. 76-172		
connivens Csy. 92-389 <sup>56</sup>		
spurcus Csy. 92-393 <sup>56</sup>		
SYNERTHA Dietz 94-172 <sup>58</sup>		
cuscitiflora Pierce 39-48	Cal.	
PACHYPHANES Dietz 94-115 <sup>58</sup>		
celænus Pierce 39-50	Cal.	
elsegundinis Pierce 39-52	Cal.	
*		
<b>Anchodenus</b>		
lutulentus (Boh.) 43-165	Pa. <sup>59</sup>	

<sup>50</sup> Gorham—43.<sup>51</sup> Felt—28; Carruth—36.<sup>52</sup> Felt—18; Felt—20.<sup>53</sup> Junk Catalog.<sup>54</sup> Smith & Michelbacher—45.<sup>55</sup> Henderson—40; key to species.<sup>56</sup> Buchanan—40.<sup>57</sup> Pierce—39; key to genera.<sup>58</sup> Pierce—39; key to species.

<b>Bagous</b> <sup>61</sup>		
lengi Tanner 43-13	Ind. Iowa	
blatchleyi Tanner 43-14	Fla.	
mamillatus Say 31-28		
mammillatus Leng 20-320		
longirostrus Tanner 43-18	N.Y. Mich.	
texanus Tanner 43-20	Fla. Tex.	
chandleri Tanner 43-26	Mont. Utah	
tingi Tanner 43-27	Cal.	
floridanus Tanner 43-30	Fla.	
* * *		

<b>Pnigodes</b> <sup>61</sup>		
buchananii Tanner 43-33	La.	
tuberous Tanner 43-35	Iowa	

**Schizomicrus** Csy. 05-164<sup>62</sup>**Neotylopterus** Hust. 39-60  
(*Tylopterus* Lec. 76-215)<sup>59</sup>

<b>Tychius</b>		
griseus Schffr. 08-217 <sup>63</sup>	Me.-N.Y.	
picrostris Fab. 87-101	Wash. B.C. <sup>63a</sup>	

**Anthonomus**

nubiloides Fall 28-239	Me. Mass. <sup>59</sup>
rutilus (Boh.) 43-165 <sup>59</sup>	

**Odontopus** Say 31-15  
(*Prionomerus* Schönh. 36-359)<sup>64</sup>**Nanophyes**

canadensis Brown 44-10	Man. Alta.
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**Corimalia** Gozis  
pallidulus (Grav.) 85-129<sup>65</sup> U.S. Europe**Sternechus**<sup>66</sup>

<b>Cosmobaris</b>		
americana Csy. 20-344		
scolopacea of authors, not Germ. <sup>59</sup>		
squamiger Hayes 36-27 <sup>59</sup>		
sionilli Hayes 36-28 <sup>59</sup>		

<b>Glyptobaris</b>		
lecontei Champ. 09-404		
rugicollis (Lec.) 76-297 <sup>59</sup>		

**Acentrinops**

brevicollis Csy. 20-457	
centrinoides (Green) 20-200 <sup>67</sup>	

**Lechriops** Schönh. 26-306  
(*Gelus* Csy. 97-667)<sup>59</sup>

<b>Peltophorus</b> Schönh. 45-451		
*	( <i>Zygops</i> of Amer. authors) <sup>59</sup>	
polymitus Boh. 45-482		
v.seminiveus Lec. 84-31 <sup>59</sup>		
v.suffusus Csy. 92-495 <sup>59</sup>		
adustus Fall 06-61		

<sup>59</sup> Buchanan in litt.<sup>60</sup> Tanner—43; key to genera.<sup>61</sup> Tanner—43; key to species.<sup>62</sup> Belongs in Raymondionyminae. Tanner—43.<sup>63</sup> Distinct species. Venables—43.<sup>63a</sup> Venables—43.<sup>64</sup> Buchanan in litt.<sup>65</sup> Transferred from Nanophyes by Brown—44.<sup>66</sup> Placed in Hylobiinae in Junk Catalog.<sup>67</sup> Green in litt.

- Cylindrocopturus**  
*furnissi* Buch. 40-178 Cal.-Wash.  
*deleoni* Buch. 40-179 Wyo. Mont. Ida.  
*catoni* Buch. 40-181 Cal.
- Acoptus**  
<sub>(Homogaster Prov. 77-530)<sup>68</sup></sub>  
*suturalis* Lec. 76-264  
*guebecensis* (Prov.) 77-530<sup>68</sup>
- Acanthoscelidius**  
<sub>(Acantharthus Marshall 39-583)<sup>59</sup></sub>
- Centorhynchus**  
*hearnei* Brown 40-186 Man.  
*munki* Brown 40-187 Man.  
*assimilis* Payk. 00-257 Cal. Wash. Eur.<sup>69</sup>
- Rhinoncus**  
*castor* (Fab.) 92-408 N.S.-Ont.-Va.<sup>70</sup>
- Conotrachelus** Dej. 35-296  
<sub>(Cyphorrhynchus Schönh. 37-458)<sup>71</sup></sub>  
*Glycaria* Pascoe 80-181<sup>71</sup>  
*Edesius* Pascoe 81-305<sup>71</sup>  
*Lociptes* Csy. 10-130<sup>71</sup>  
*buchananii* Schoof 42-51 N.J.-D.C.-Iowa-  
*texanus* VanD. 30-158<sup>71</sup>  
*iowensis* Schoof 42-57 Ill. Iowa  
*hiceriae* Schoof 42-69 N.J.-Fla.-Tex.-Kan.  
*hayesi* Schoof 42-85 Ill. Iowa La.  
*tibialis* Schoof 42-91 Mass.-Miss.-La.-  
*naso* Lec. 76-231 [Kan.]  
*cineraceus* VanD. 30-158<sup>71</sup>  
*recessus* Csy. 10-130  
*atokanus* Fall 13-65<sup>71</sup>  
*cribricollis* (Say) 31-28  
*puncticollis* Walsh. 64-310<sup>71</sup>  
*anaglypticus* (Say) 31-18 Ont.-Fla.-Tex.  
*rubiginosus* Boh. 45-28  
*leucophaeatus* Führ. 37-417  
*demens* Boh. 37-31<sup>71</sup>  
*carolinensis* Schoof 42-137 Mass.-Fla.-  
*pecanæ* Buch. 47-50 La. Tex.
- Faustinus** Berg 98-18  
<sub>(Euxenus Faust 96-47, not Lec.)<sup>32</sup></sub>  
<sub>(Collabismodes Champ. 05-541)<sup>32</sup></sub>  
<sub>(Euxenodes Bovie 07-67)<sup>32</sup></sub>
- Acamptus**  
*echinus* Csy. 92-445 (not 95-837)<sup>59</sup> N.Y.  
 (not Ariz.<sup>59</sup>)
- Dryotribus** Horn 73-433  
<sub>(Thalattodora Perk. 00-146)<sup>72</sup></sub>  
*mimeticus* Horn 73-433 Fla. W.I. Pac.Ils.<sup>72</sup>  
*insignis* Perk. 00-146<sup>72</sup>
- Macranelytus** Lec. 76-338  
<sub>(Haloxenus Perk. 00-148)<sup>72</sup></sub>  
*linearis* Lec. 76-339 Fla. W.I. Hawaii<sup>72</sup>  
*immigrans* Perk. 00-148<sup>72</sup>
- Pselactus** Broun 86-972  
 \* *spadix* (Hbst.) 95-256<sup>72a</sup> N.Y. N.J. Eur.
- Phloeophagus**  
*minor* Horn 73-443  
*carinatus* Blatch. 16-545<sup>73</sup>  
*apionides* Horn 73-443  
*apionoides* Csiki 36-143
- Cossoninae**
- Rhyncolus**<sup>75</sup>  
<sub>(Xylocomes Thatch. 40-89)<sup>74</sup></sub>  
*cercocarpus* Thatch. 40-90<sup>74</sup> Nev.  
*knowltoni* Thatch. 40-90<sup>74</sup> Utah  
*brunneus* Mannh. 43-295 N.Y.-N.M.-  
*relictus* Csy. 92-705<sup>73</sup> [Alas.]  
*californicus* Woll. 73-645<sup>73</sup>  
*macrops* Buch. 46-130 N.S.-N.Y.-Ore.-  
*cylindricollis* Woll. 73-645 Utah-Cal.-B.C.  
*discors* Csy. 92-707 Fla.-La. Mich.  
*oregonensis* Horn 73-445 N.C.-Mich.-  
*nimius* Csy. 92-706 [Ariz.-Ore.]  
*protensus* Woll. 73-647 N.M.-Cal.
- \* \* \*
- Calendra** Clairv. 98-62  
<sub>(Calandra Clairv. 98-pl. 2)<sup>59</sup></sub>  
<sub>(Sphenophorus Schönh. 26-327)<sup>59</sup></sub>  
*eugenia* Satt. 43-52 Ore.
- Sitophilus** Schönh. 38-967  
<sub>(Calandra of foreign authors)<sup>59</sup></sub>  
<sub>(Calandra of American authors)<sup>59</sup></sub>

## PLATYPODIDÆ

- Platypus**  
*wilsoni* Swaine 16-97 (not 15-48)<sup>76</sup>

## SCOLYTIDÆ

- Xylocomes** Thatcher 40-89<sup>77</sup>

- Pagiocerus**  
*frontalis* Fab. 01-389 N.C. Fla. Cuba  
*rimosus* Eich. 68-148<sup>78</sup>
- Renoicis** Csy. 86-257<sup>79</sup>  
 \* *(Pseudoryphalus* Swaine 17-20)<sup>79</sup>  
*parkinsoniae* Blackm. 40-378 Ariz.  
*macclayi* (Bruck.) 36-35 Cal.  
*pruinosus* Blackm. 40-383 Ariz. Cal.  
*fasciatus* Blackm. 40-385 Ariz.  
*heterodoxus* Csy. 86-257 Utah Nev. Ore.  
*brunneus* Blackm. 40-389 N.M.  
*fuscus* Blackm. 40-391 Ariz.  
*commixtus* Blackm. 40-392 Colo. Ariz.  
*brittaini* (Swaine) 17-20 B.C.

- <sup>73</sup> Buchanan—46.  
<sup>74</sup> Buchanan—42; transferred from Scolytidæ.  
<sup>75</sup> Buchanan—46; key to species of group I.  
<sup>76</sup> W. J. Chamberlin in litt.  
<sup>77</sup> Transferred to Curculionidæ—Cossoninæ.  
 Buchanan—42.  
<sup>78</sup> Eggers—28.  
<sup>79</sup> Blackman—40; revision and key.

<sup>32</sup> Buchanan in litt.<sup>59</sup> Buchanan in litt.<sup>68</sup> Brown in litt.<sup>69</sup> Hagen—46.<sup>70</sup> Brown in litt. & Buchanan in litt.<sup>71</sup> Schoof—42.<sup>72a</sup> Csiki—36 and Buchanan in litt.<sup>72</sup> Zimmerman—40.

criddlei (Swaine) 17-21	Man.	tsugæ Swaine 17-11	Cal.-B.C.
penicillatus Bruck 33-239	Colo. Ut. Ariz.	?obesus Swaine 17-15	B.C.
	Cal.	keeni Blackm. 42-17	Ore.
<b>Phlorosinus</b> Chapuis 69-37 <sup>80</sup>	Man.	similis Blackm. 42-18	Ore. Wash.
* pini Swaine 15-362	Que.	nobilis Swaine 17-12	Ore. Wash.
piceæ Swaine 34-205	Alaska	furnissi Blackm. 42-21	Ore. Wash.
alaskanus Blackm. 42-409	Cal.	grandis Swaine 17-13	Cal.-Alas. Mont.
hoppingi Swaine 15-364	Wyo.-Tex.-Ariz.	sitchensis Swaine 17-12	Cal.-B.C.
hoferi Blackm. 42-412	N.M. Ariz.	sericeus (Mannh.) 43-296	Cal.-B.C.
keeni Blackm. 42-414	Cal.		
antennatus Swaine 24-146	Cal.		
spinosus Blackm. 42-417	Cal.		
swaineri Bruck 33-56	Cal.		
<i>minutus</i>    Swaine 17-9 <sup>80</sup>	Cal.		
fulgens Swaine 24-147	Cal.		
splendens Blackm. 42-428	Ore.		
punctatus Lec. 76-381	Cal.-Wash	pusillus Blackm. 41-23	Fla.
rubicundulus Swaine 24-144	Cal.	parvus Blackm. 41-24	N.M. Ariz.
buckhorni Blackm. 42-432	Ore.	minutus Blackm. 41-25	Mont. Nev. Cal.
kaniksu Blackm. 42-434	Ida. Wash.		[Ore.]
rusti Blackm. 42-435	Wash.	subopacus Blackm. 41-9	Colo. N.M.
variolatus Bruck 31-126	Cal.		[Utah]
nitidus Swaine 24-145	Ore.	webbi Blackm. 41-10	S.D. Mont.
cupressi Hopk. 03-35	Cal.		
cristatus Lec. 68-169	Ariz. Cal.	porculus Er. 36-49	
chiricahua Blackm. 42-444	Ariz. Mex.	<i>swainei</i> Eggers 34-25 <sup>81</sup>	
sequoiae Hopk. 03-33	Cal. Ore.	canadensis Blackm. 41-15	Man.
squamulosus Blackm. 42-448	Wash.	<i>fulgidus</i> Blackm. 41-18	N.M. Ariz.
taxodii Blackm. 22-61	Miss.	<i>nigrinus</i> Lec. <sup>82</sup>	Cal.
dentatus (Say) 25-258	N.H.-Ga.-Tex.-		
<i>graniger</i> (Eich.) 68-147 <sup>80</sup>	[Neb.	<b>Pseudothysanoes</b> Blackm. 20-46	
<i>haagii</i> (Eich.) 68-148 <sup>80</sup>		( <i>Pseudothysantes</i> G.N. Wolcott 36-	
<i>enixus</i> Blackm. 21-56 <sup>80</sup>		[318])	
juniperi Swaine 17-10	Cal.-Wash.	( <i>Pseudothysantes</i> G.N. Wolcott 36-	
serratus (Lec.) 68-170	N.Y.	[595])	
utahensis Swaine 15-363	Utah N.M. Ariz.	huachucae Blackm. 43-355	Ariz.
aciculatus Bruck 31-127	Tex.-Ariz.		
neomexicanus Blackm. 42-460	Colo.-Ariz.		
texanus Blackm. 42-462	Tex.		
canadensis Swaine 17-8	Que. e.U.S.		
scopulorum Swaine 24-148	Ore.-B.C.		
rugosus Swaine 17-9	Cal.		
furnissi Blackm. 42-469	Wyo.-N.M.-Ariz.		
chamberlini Blackm. 42-470	Cal. Ore.		
<b>Carphobius</b> Blackm. 43-398			
arizonicus Blackm. 43-398	Ariz.		
<b>Leperisimus</b>			
hoferi Blackm. 43-394	N.M. Ariz.		
oregonus Blackm. 43-396	Ore.		
<b>Pseudohylesinus</b> Swaine 17-11 <sup>80</sup>			
* nebulosus (Lec.) 59-285	Colo.-N.M.-		
	[Cal.-B.C.]		
serratus Bruck 36-37	Cal.		
pullatus Blackm. 42-9	Wash.		
dispar Blackm. 42-11	Cal.-Wash.-Mont.		
maculosus Blackm. 42-12	N.M. Ariz. Utah		
granulatus (Lec.) 68-175	Cal.-B.C.-		
	Mont.		

<sup>80</sup> Blackman—42; revision and key.<sup>81</sup> Blackman—41.<sup>82</sup> Linsley & Michener—43; (apparently *Hylastes nigrinus* Mannh.).<sup>83</sup> Blackman—43; key to genera.<sup>84</sup> Blackman—43; key to species.<sup>85</sup> W. H. Anderson in litt.<sup>86</sup> Linsley—43.**Mieracinae**<sup>83</sup>**Hyloœnus** Eich. 71-133

biconcavus Blackm. 43-344  
flaglerensis Blackm. 43-345  
crinitus Blackm. 43-347

Ky.  
Fla.  
Cal.

**Mieracis**

knalli Blackm. 43-348

Ariz.

**Mieracisella**

subnitida Blackm. 43-350

Ariz.

**Thysanoes**<sup>84</sup>

texanus Blackm. 43-352  
vachelliae Blackm. 43-354

Tex.  
Tex.

\* \* \*

**Stenoelyptus** Blackm. 43-356

rhois Blackm. 43-357  
ceanothi Blackm. 43-358

Cal.  
Cal.

**Cryptocleptes**<sup>84</sup>

acacie Blackm. 43-362

Tex.

**Hypocryphalus** Hopk. 15-41

magniferae (Stebb.) 14-542

Fla. Brazil  
[India]<sup>85</sup>

**Coccotrypes**

dactylipera (Fab.)

Cal. L.Cal. Old  
[World]<sup>86</sup>

**Tachyderes** Blackm. 43-35

floridensis Blackm. 43-36

Fla. Tex. Mex.

- |   |   |
|---|---|
| <b>Ips</b>  | <b>Xylechinus</b>   |
| swainei R.Hopp. 39-169  | B.C.  |
| <b>Xylosandrus</b> Rtrr. 13 32  | <b>Dryococetes</b>  |
| zimmermanni (Hopk.) 15-68 <sup>87</sup>                               | granicollis (Lec.) 68-162 [add parentheses] <sup>76</sup> |
| germanus (Bldfd.) <sup>88 89</sup>                                    | Fla.  |
|   | N.Y.-W.Va.-   |
|   | [Ohio Orient]   |
| <sup>76</sup> W. J. Chamberlin in litt.                               | <sup>88</sup> W. D. Buchanan—40.                          |
| <sup>87</sup> Transferred from Anisandrus, W. H. Anderson<br>in litt. | <sup>89</sup> As Xyleborus, Felt—32.                      |

## ADDITIONAL NECROLOGY

- Beaulieu, Germain, b. 1870; d. June 1944.  
Blackman, Maulsby Willett, b. March 26, 1876; d. October 12, 1943.  
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FOURTH SUPPLEMENT TO  
 CATALOGUE OF NORTH AMERICAN COLEOPTERA  
 DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1939 to 1947 inclusive are listed below, along with a few new localities. Four new abbreviations are used.

La Brea-Pleist.	Rancho La Brea, Los Angeles, Calif.
Kern-Pleist.	McKittrich, Kern Co., Calif.
Kern-Mioc.	Bakersfield, Kern Co., Calif.
Cuyama-Mioc.	San Luis Obispo Co., Calif.

## CARABIDAE

<b>Calosoma</b> semilaeve Lec.	La Brea-Pleist. <sup>1 2</sup>
<b>Bembidion</b> everestae Pierce 44-11 OCHTHEDROMUS Lec.	Kern-Mioc.
davidae Pierce 44-7	Cuyama-Mioc.
<b>Pterostichus</b> sp.	La Brea-Pleist. <sup>1 2 3</sup>
<b>Amara</b> insignis Dej.	La Brea-Pleist. <sup>1 2</sup>
<b>Platynus</b> funebris Lec.	La Brea-Pleist. <sup>1 2</sup>

## DYTISCIDAE

<b>Dytiscus</b> marginicollis Lec.	La Brea-Pleist. <sup>1 2</sup>
<b>Cybister</b> explanatus Lec.	Kern-Pleist. <sup>2 3</sup>
<b>Hydrous</b> triangularis (Say)	Kern-Pleist. <sup>2 3</sup>

## HYDROPHILIDAE

<b>Hydrophilus</b> sp.	Kern-Pleist. <sup>2 3</sup>
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## TENEBRIONIDAE

<b>Nyctoporis</b> Esch. 31-11 ( <i>Nyctoporus</i> Pierce 44-2) carinata Lec.	La Brea-Pleist. <sup>2 3</sup>
<b>Eulabis</b> ?laticornis Csy.	La Brea-Pleist. <sup>2 3</sup>
<b>Eleodes</b> omissa Lec. grandicollis Mannh. <i>elongata</i> Grinn. <sup>2 4</sup> distans Blaasd.	La Brea-Pleist. <sup>2 3</sup> La Brea-Pleist. <sup>1 2 3 4</sup> La Brea-Pleist. <sup>2 4</sup>

<sup>1</sup> Essig-31 (after Grinnell-08).

<sup>2</sup> Pierce-44.

<sup>3</sup> Essig-31.

<sup>4</sup> Essig-31 (after Blaisdell-09).

acuticauda Lec.	La Brea-Pleist. <sup>1 2 3</sup>
laticollis Lec.	La Brea-Pleist. <sup>1 2 3</sup>
consobrina Lec.	La Brea-Pleist. <sup>1 2</sup>
parvicollis Esch.	La Brea-Pleist. <sup>1 2 4</sup>
<b><i>beatri</i></b> Grinn. <sup>2 4</sup>	
<i>intermedia</i> Grinn. <sup>2 4</sup>	
<i>intermedia</i> Essig 31-5	
sp.	La Brea-Pleist. <sup>3</sup>
<b>Coniontis</b>	
robusta Horn	La Brea-Pleist. <sup>1 2</sup>
abdominalis Lec.	La Brea-Pleist. <sup>1 2</sup>
puncticollis Lec.	La Brea-Pleist. <sup>1 2</sup>
elliptica Csy.	La Brea-Pleist. <sup>1 2</sup>
sp.	La Brea-Pleist. <sup>3</sup>
<b>Cratidus</b>	
osculans Lec.	La Brea-Pleist. <sup>2 3</sup>

## SCARABAEIDAE

<b>Canthon</b>	
simplex Lec.	
<i>s. antiquus</i> Pierce 47-120	La Brea-Pleist.
<i>praticolus</i> Lec.	
<i>s. vetustus</i> Pierce 47-122	La Brea-Pleist.
<b>Palaeocoris</b> Pierce 47-130	
<i>labreae</i> Pierce 47-130	La Brea-Pleist.
<b>Onthophagus</b>	
everestae Pierce 47-131	La Brea-Pleist.
<b>Serica</b>	
kanakoffi Pierce 47-132	La Brea-Pleist.

## CERAMBYCIDAE

<b>Protospondylis</b> Linsley 42-19	
<i>florissantensis</i> (Wickh.) 20-359 <sup>5</sup>	
<i>tertiarius</i> (Wickh.) 17-469 <sup>5</sup>	

<b>Aneaphus</b>	
<i>extinctum</i> (Wickh.) 14-463 <sup>6</sup>	

<b>Anoplodera</b>	
<i>JUDOLIA</i> Muls.	
<i>antecurrens</i> (Wickh.) 13-295 <sup>7</sup>	

<b>Pidonia</b>	
<i>leidyi</i> (Wickh.) 13-364 <sup>7</sup>	
<i>ingenua</i> (Wickh.) 14-467 <sup>7</sup>	

<b>Grammoptera</b>	
<i>nanella</i> (Wickh.) 14-466 <sup>7</sup>	

<b>Leptura</b>	
<i>wickhami</i> Linsley 42-23	Flor. Mioc.

<b>Semanotus</b>	
<i>puncticollis</i> (Wickh.) 14-264 <sup>8</sup>	

<b>Phymatodes</b>	
<i>grandaevus</i> (Wickh.) 17-469 <sup>9</sup>	

<sup>1</sup> Essig-31 (after Grinnell-08).<sup>2</sup> Pierce-44.<sup>3</sup> Essig-31.<sup>4</sup> Essig-31 (after Blaisdell-09).<sup>5</sup> Transferred from Spondylis, Linsley-42.<sup>6</sup> Transferred from Elaphidion, Linsley-42.<sup>7</sup> Transferred from Leptura, Linsley-42.<sup>8</sup> Generic name changed, Linsley-42.<sup>9</sup> Transferred from Callidium, Linsley-42.

**Cyllene**florissantensis (Wickh.) 14-464<sup>10</sup>**Arhopalus**(Criocephalus Muls. 39-63)<sup>8</sup>

pavitus (Ckll.)

**Psapharocheirus** Thoms. 65-544

(Psapharocheirus Linsley 42-37)

lengii (Wickh.) 14-265<sup>11</sup><sup>8</sup> Generic name changed, Linsley-42.<sup>10</sup> Transferred from Clytus, Linsley-42.<sup>11</sup> Transferred from Acanthoderes, Linsley-42.

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